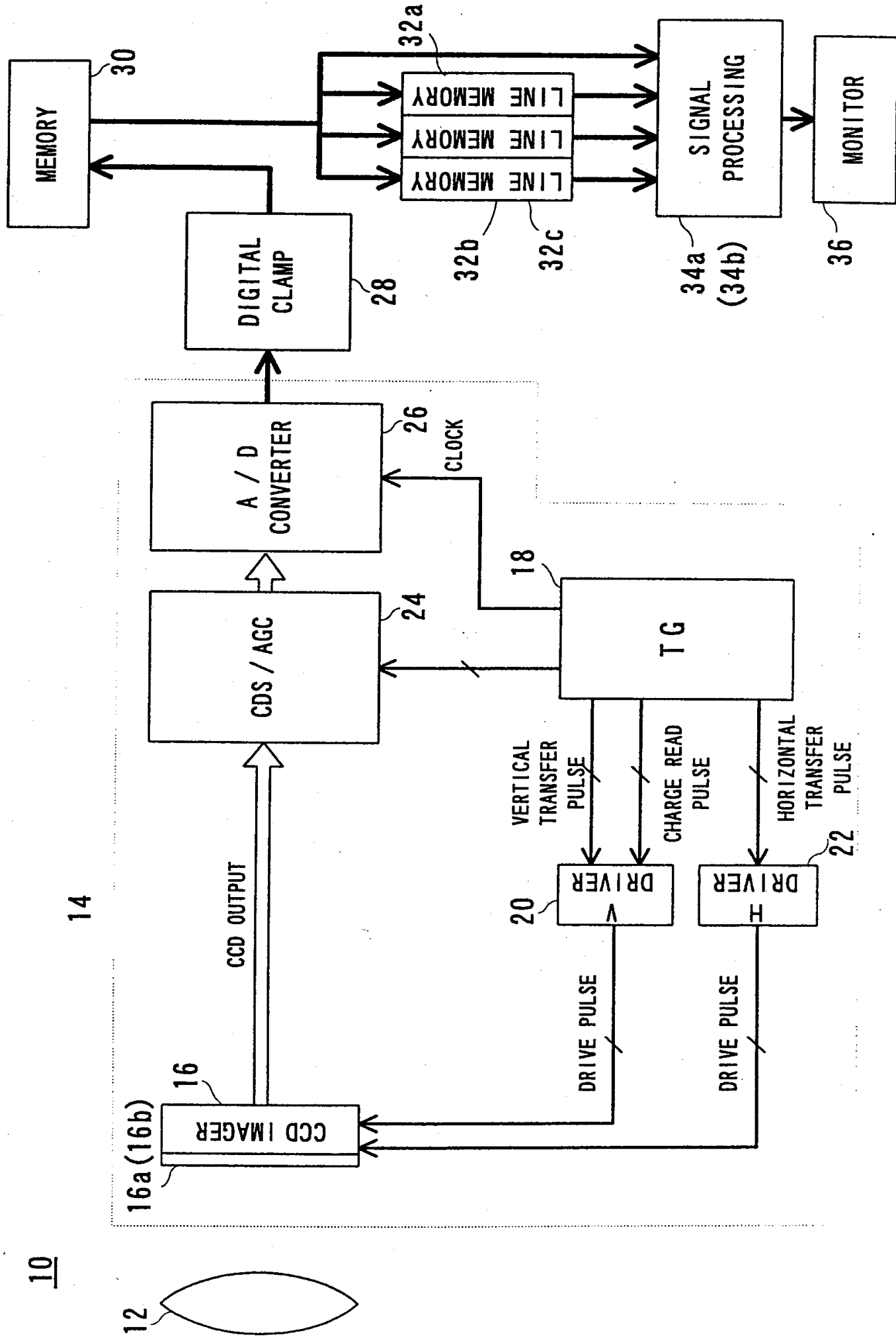


FIG. 1

10



**FIG. 2**

**16a**

<b>Ye</b>	<b>Cy</b>	<b>Ye</b>	<b>Cy</b>	<b>Ye</b>	
<b>G</b>	<b>Mg</b>	<b>G</b>	<b>Mg</b>	<b>G</b>	
<b>Ye</b>	<b>Cy</b>	<b>Ye</b>	<b>Cy</b>	<b>Ye</b>	
<b>G</b>	<b>Mg</b>	<b>G</b>	<b>Mg</b>	<b>G</b>	
<b>Ye</b>	<b>Cy</b>	<b>Ye</b>	<b>Cy</b>	<b>Ye</b>	
<b>G</b>	<b>Mg</b>	<b>G</b>	<b>Mg</b>	<b>G</b>	
<b>Ye</b>	<b>Cy</b>	<b>Ye</b>	<b>Cy</b>	<b>Ye</b>	
<b>G</b>	<b>Mg</b>	<b>G</b>	<b>Mg</b>	<b>G</b>	

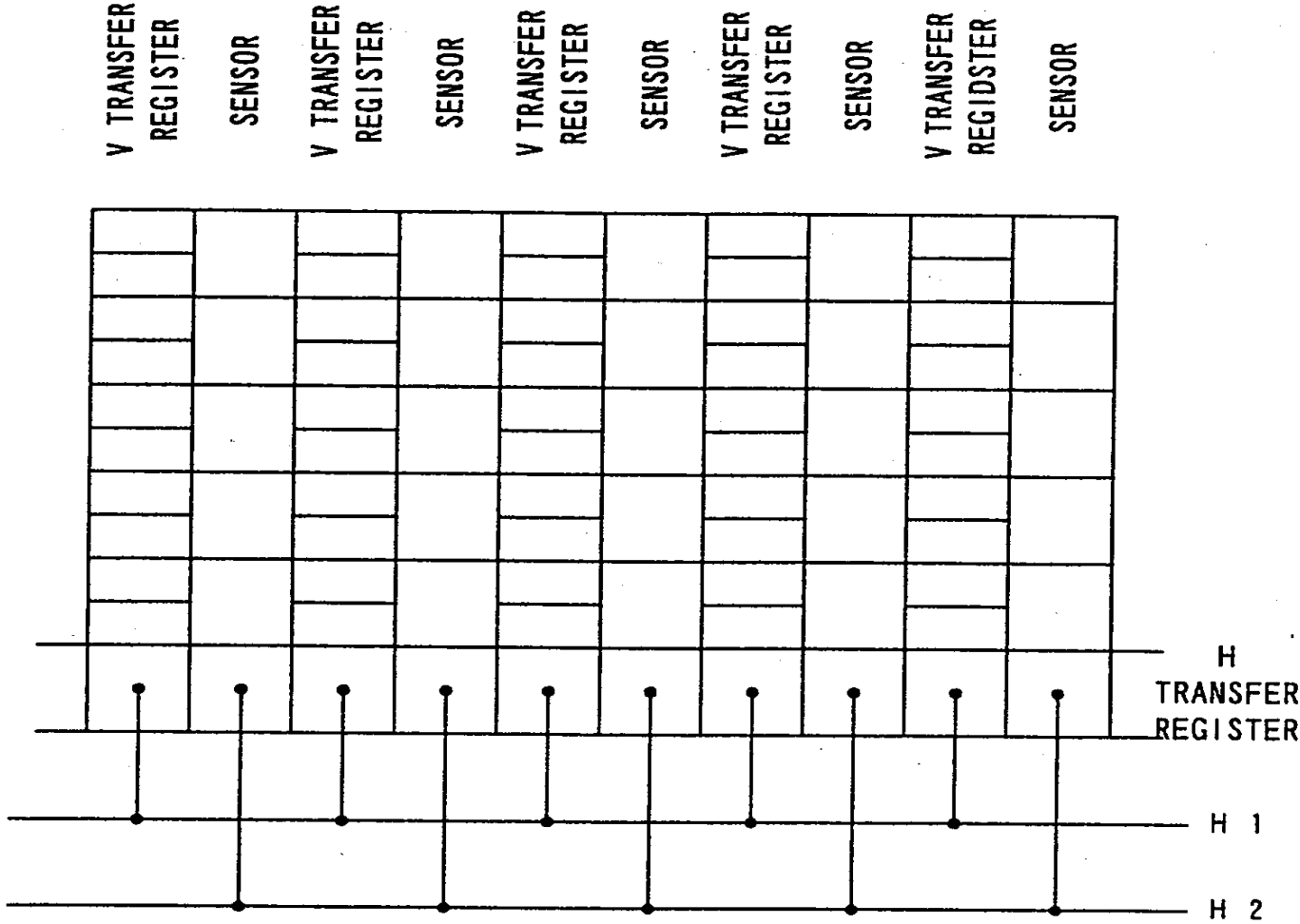
# FIG. 3

16b

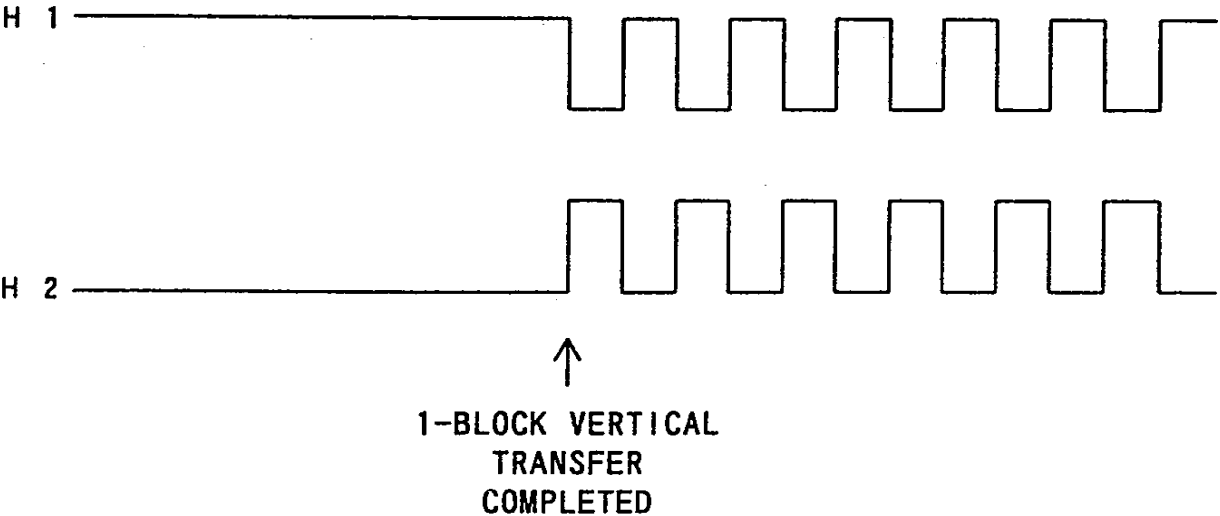
Ye	Cy	Ye	Cy	Ye	
Mg	G	Mg	G	Mg	
Ye	Cy	Ye	Cy	Ye	
G	Mg	G	Mg	G	
Ye	Cy	Ye	Cy	Ye	
Mg	G	Mg	G	Mg	
Ye	Cy	Ye	Cy	Ye	
G	Mg	G	Mg	G	

FIG. 4

( A )



( B )



# FIG. 5

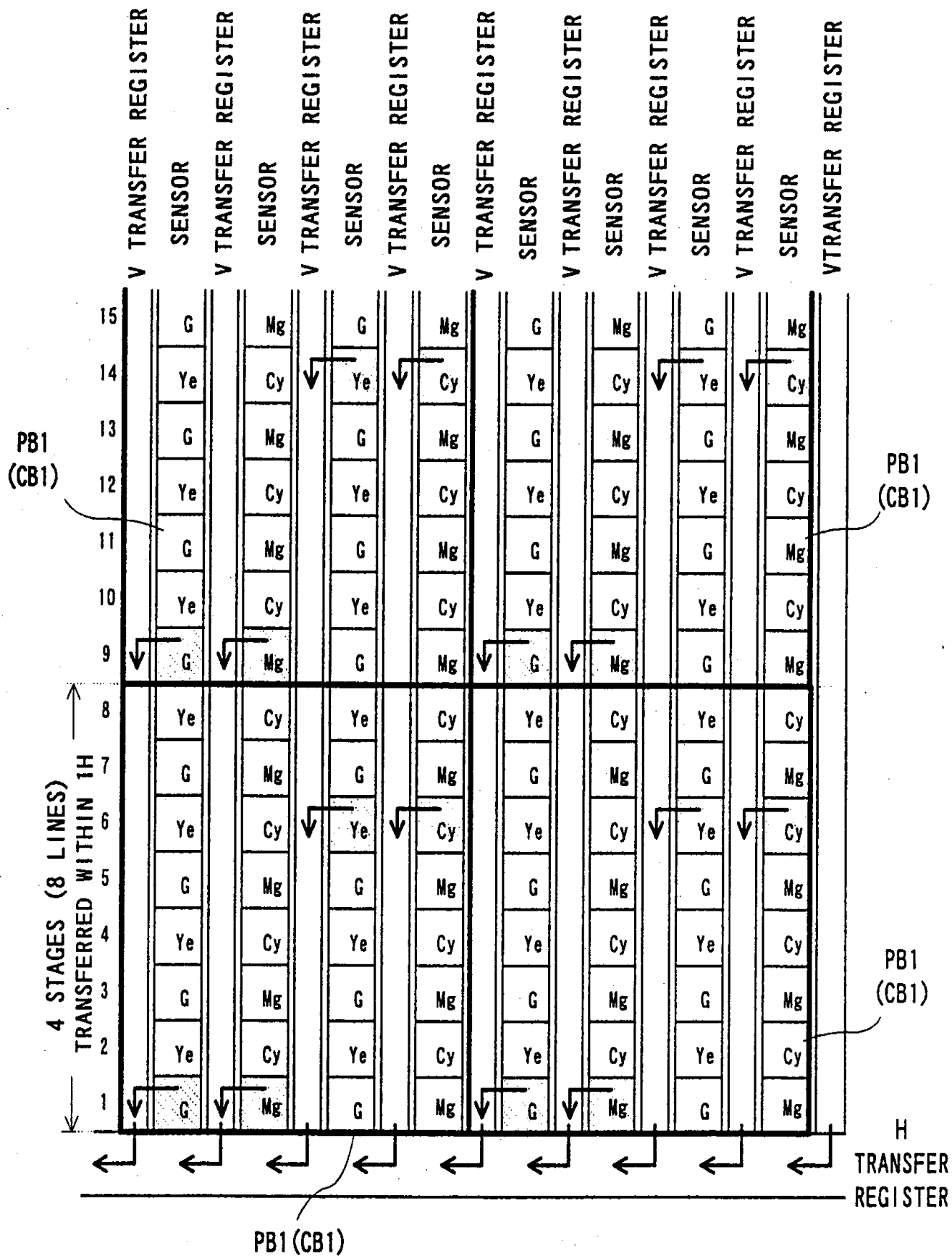
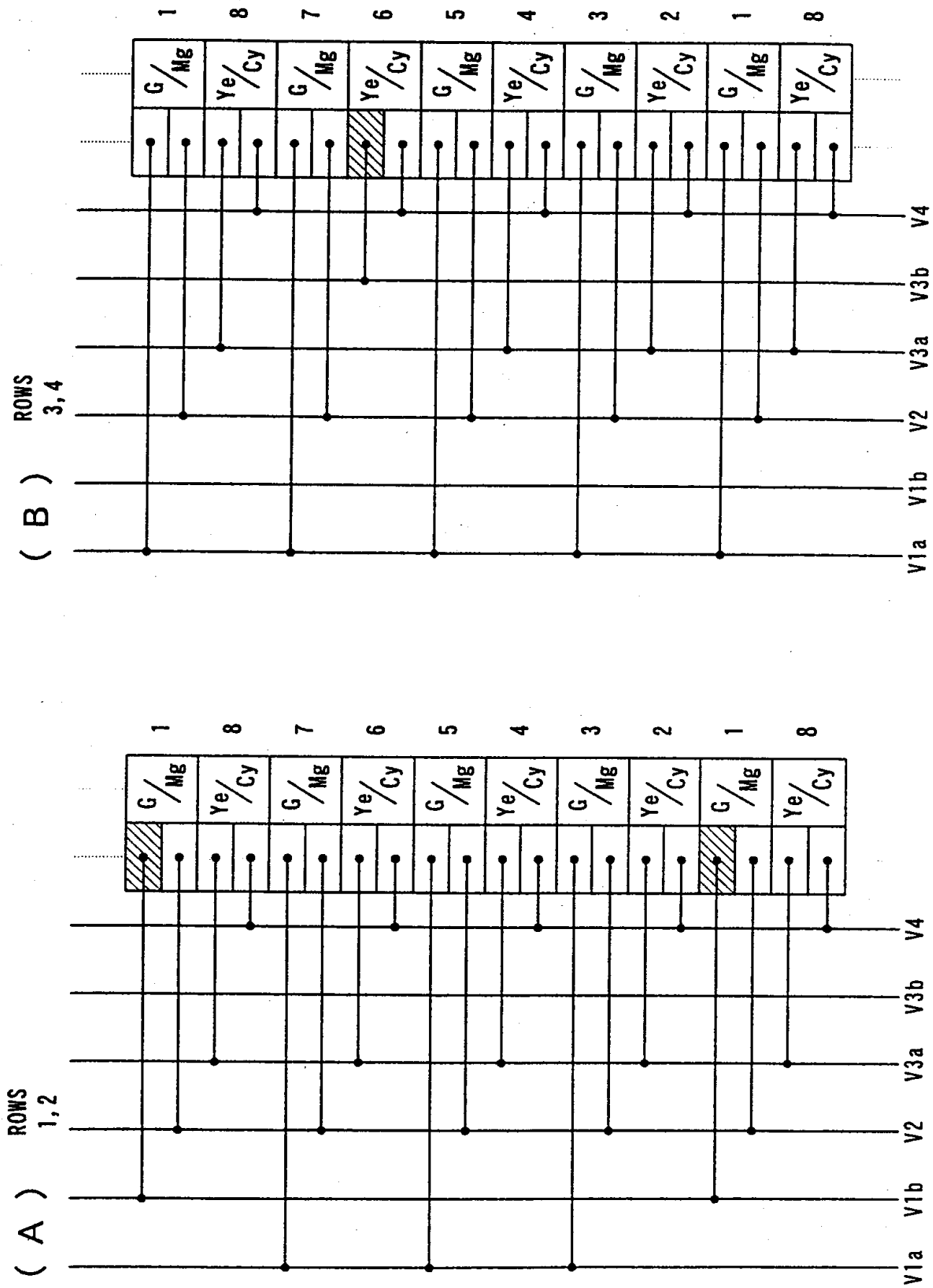
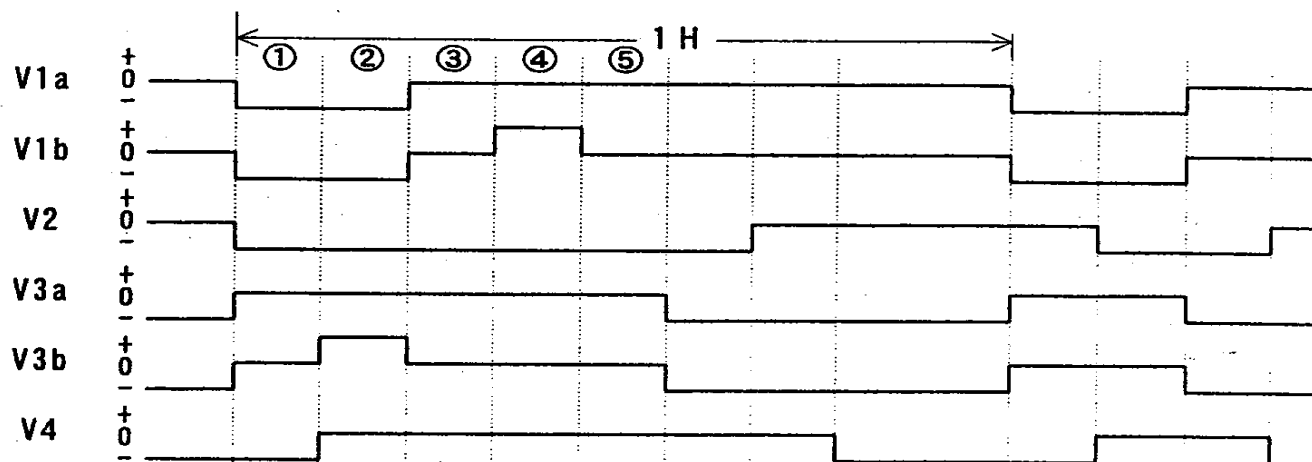


FIG. 6

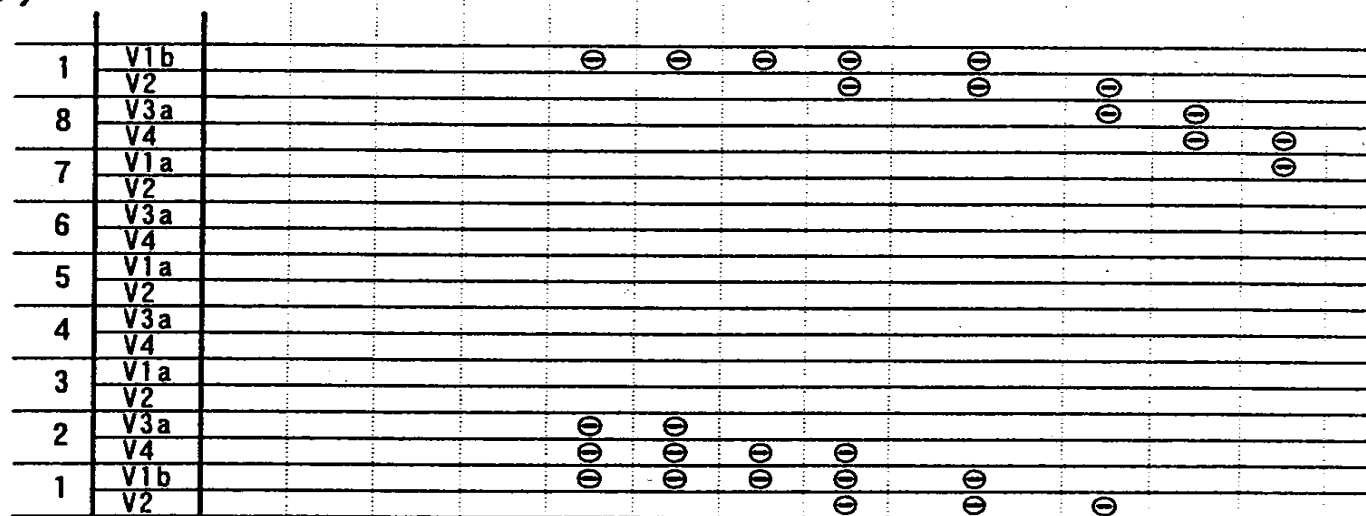


# FIG. 7

(A)

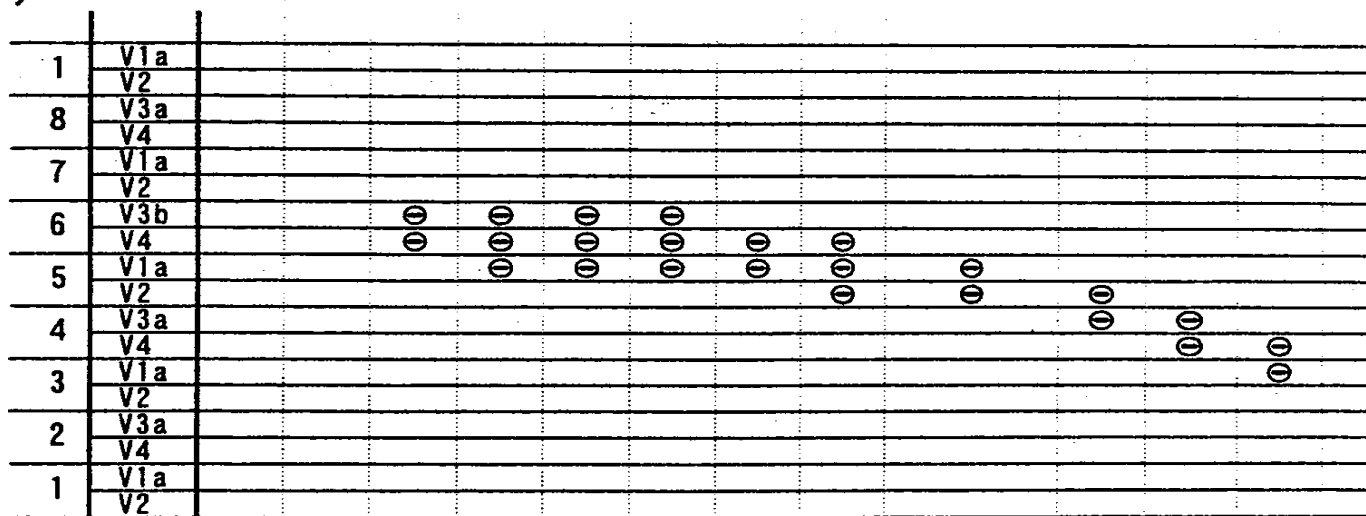


(B)



ROWS 1, 2

(C)



ROWS 3, 4

Timing diagram showing the transfer of data from the sensor to the transfer register over 15 lines. The diagram is divided into four stages of 8 lines each, with the final stage being the PB1 (CB1) stage. The transfer register is labeled 'H TRANSFER REGISTER' at the bottom.

Line	Stage	Transfer Register (H)	Sensor
1	1	G	Mg
2	1	Ye	Cy
3	1	G	Mg
4	1	Ye	Cy
5	1	G	Mg
6	1	Ye	Cy
7	1	G	Mg
8	1	Ye	Cy
9	2	G	Mg
10	2	Ye	Cy
11	2	G	Mg
12	2	Ye	Cy
13	2	G	Mg
14	2	Ye	Cy
15	2	G	Mg



FIG. 9

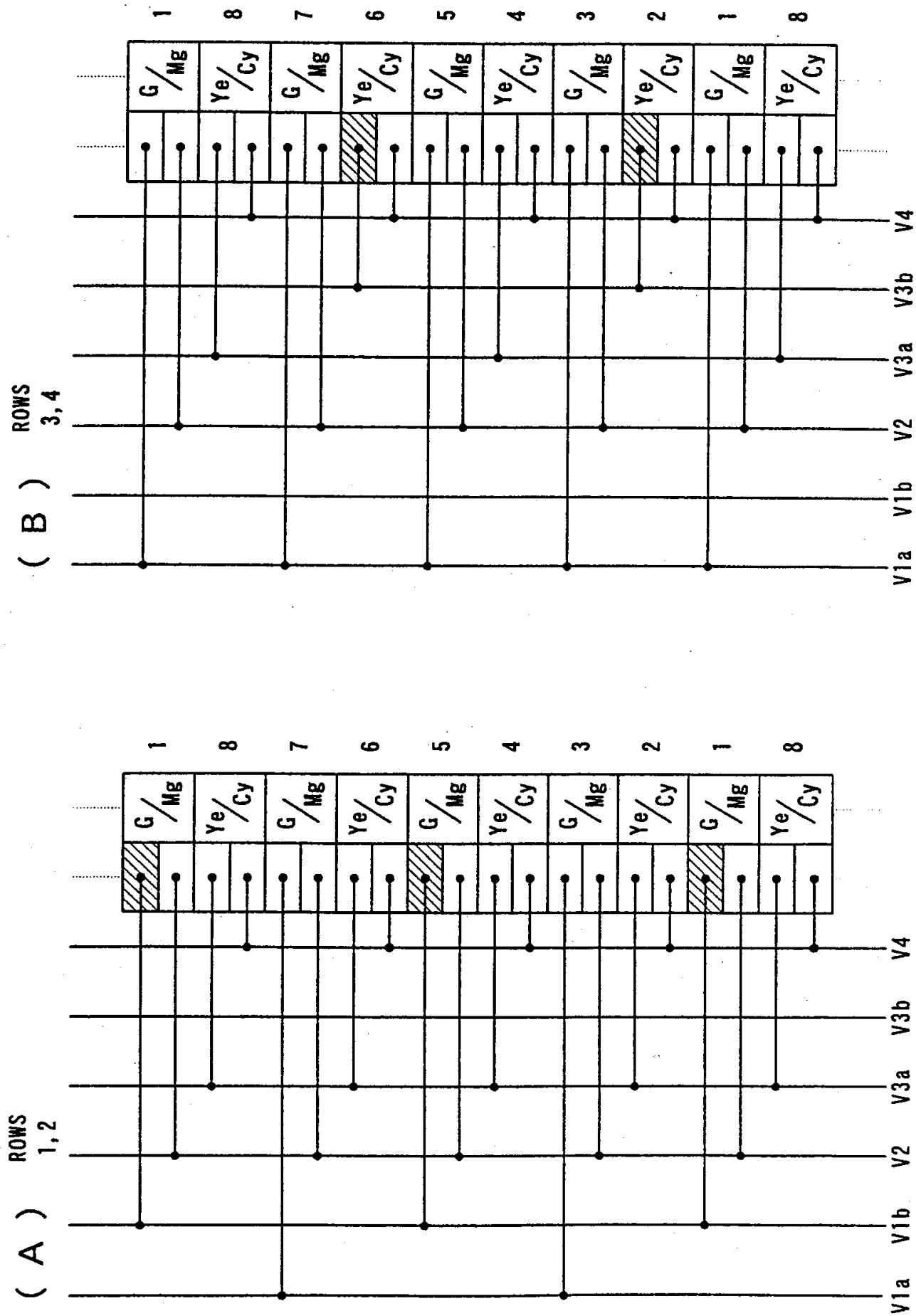
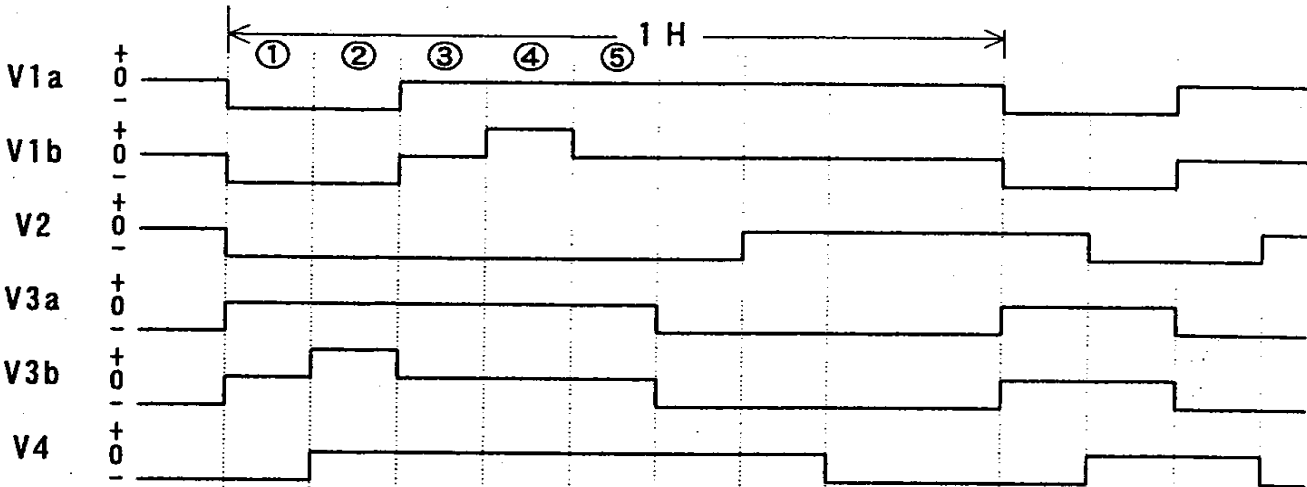
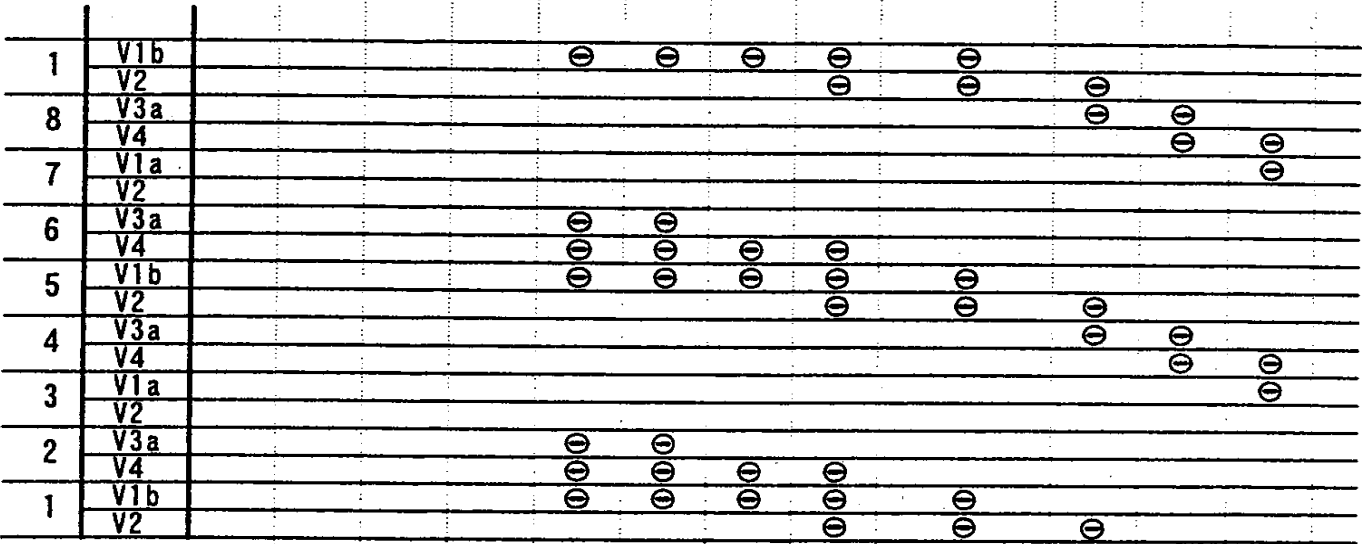


FIG. 10

(A)

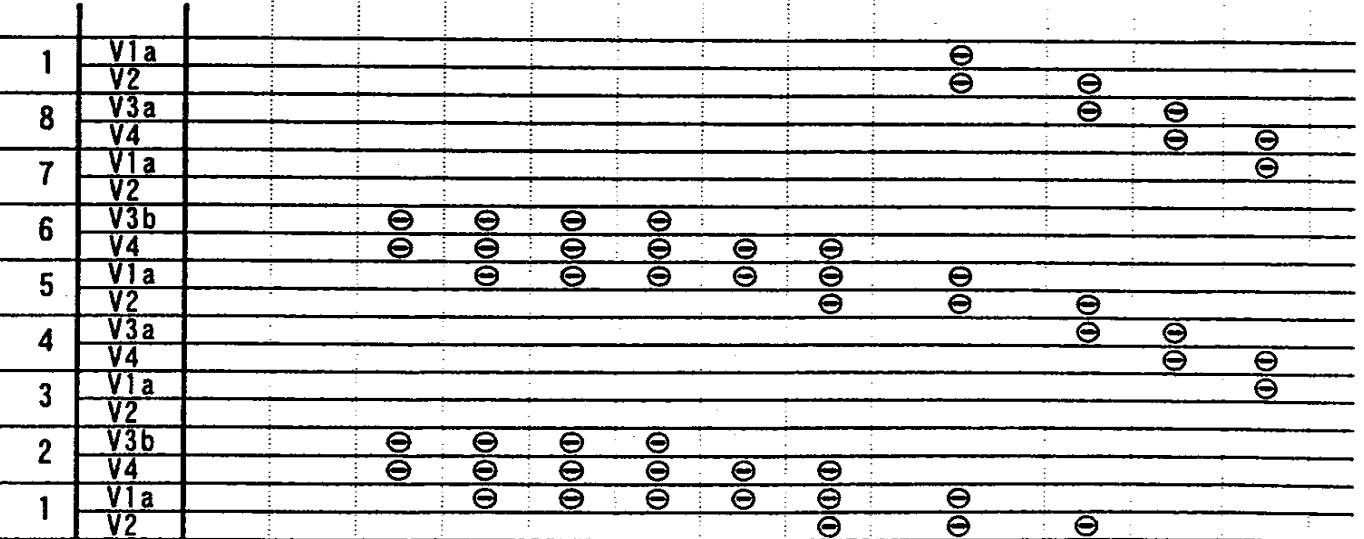


(B)



ROWS 1, 2

(C)



ROWS 3, 4

FIG. 11

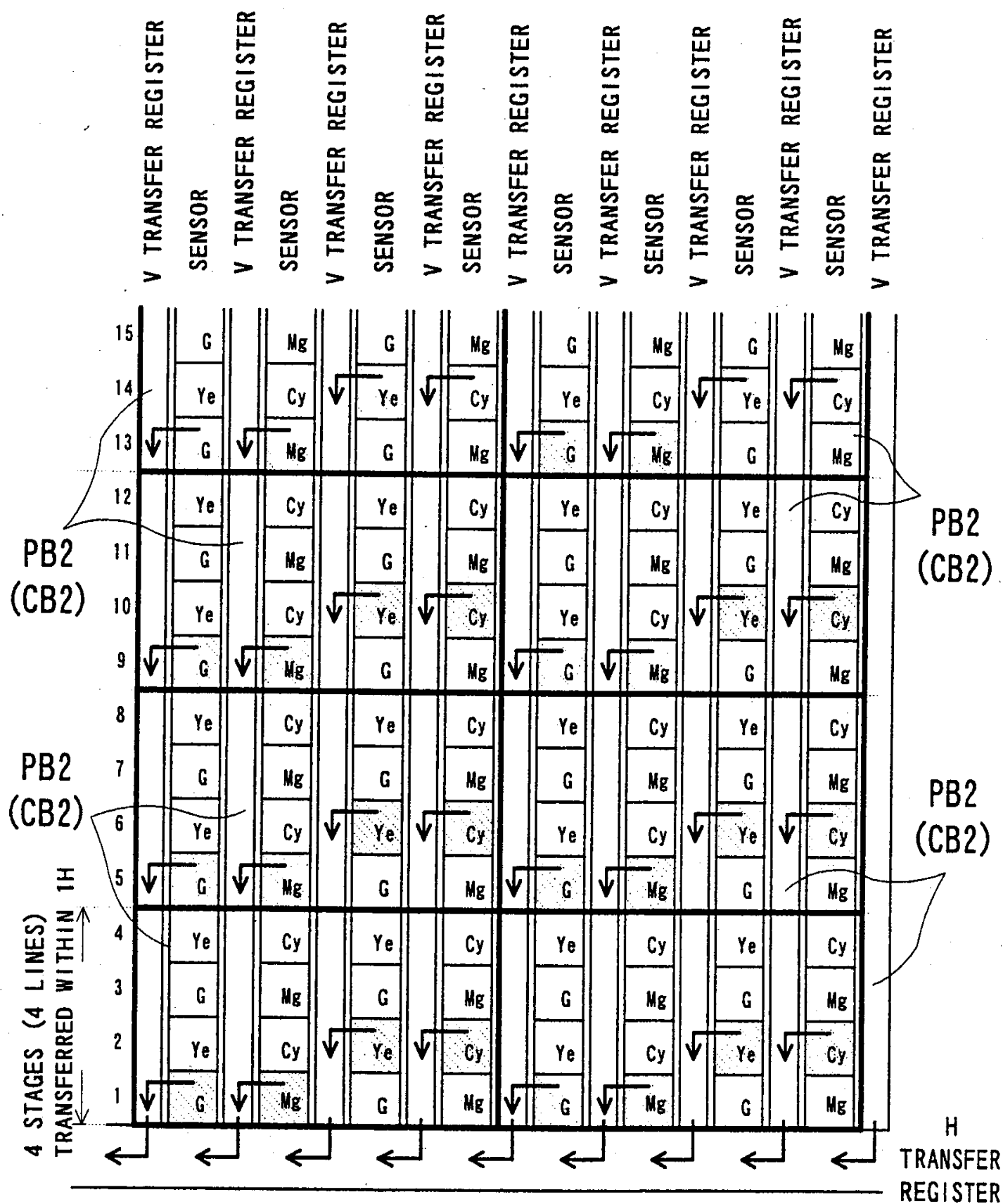
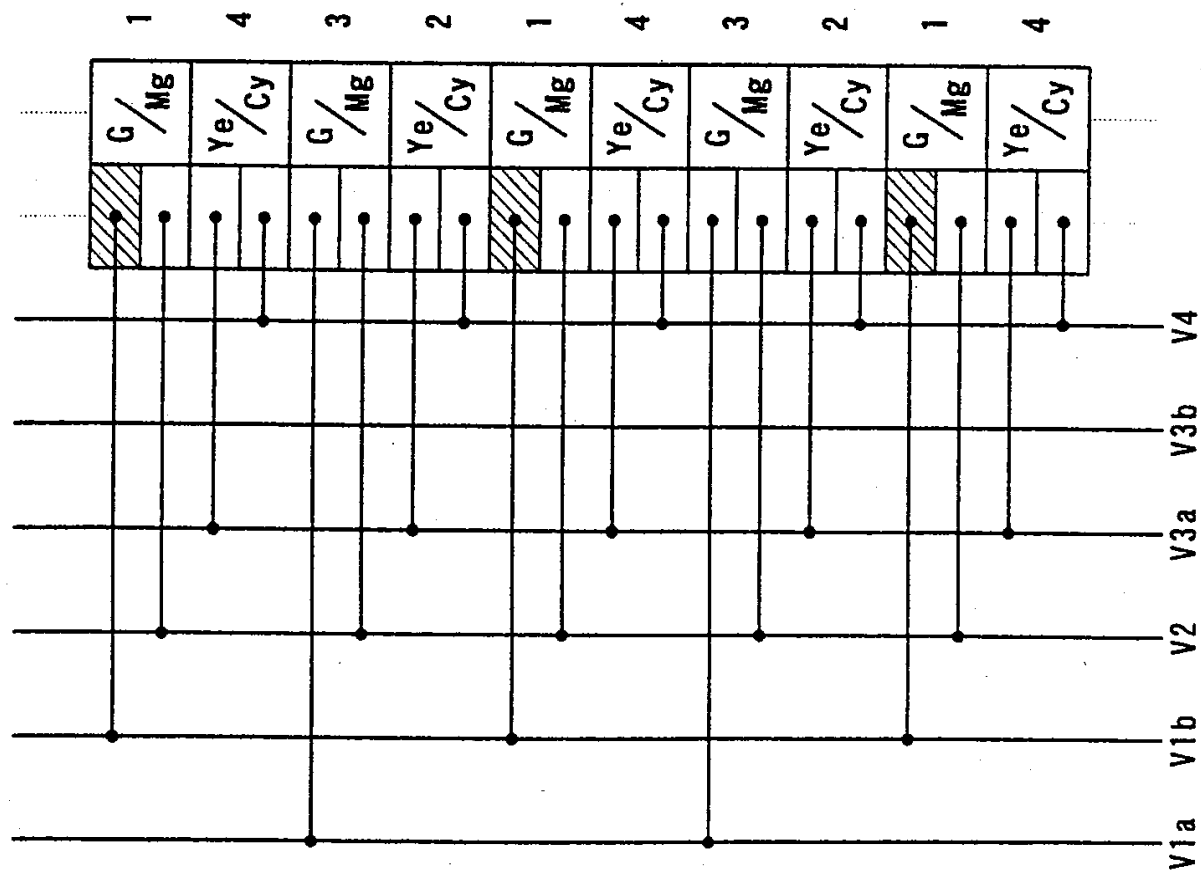
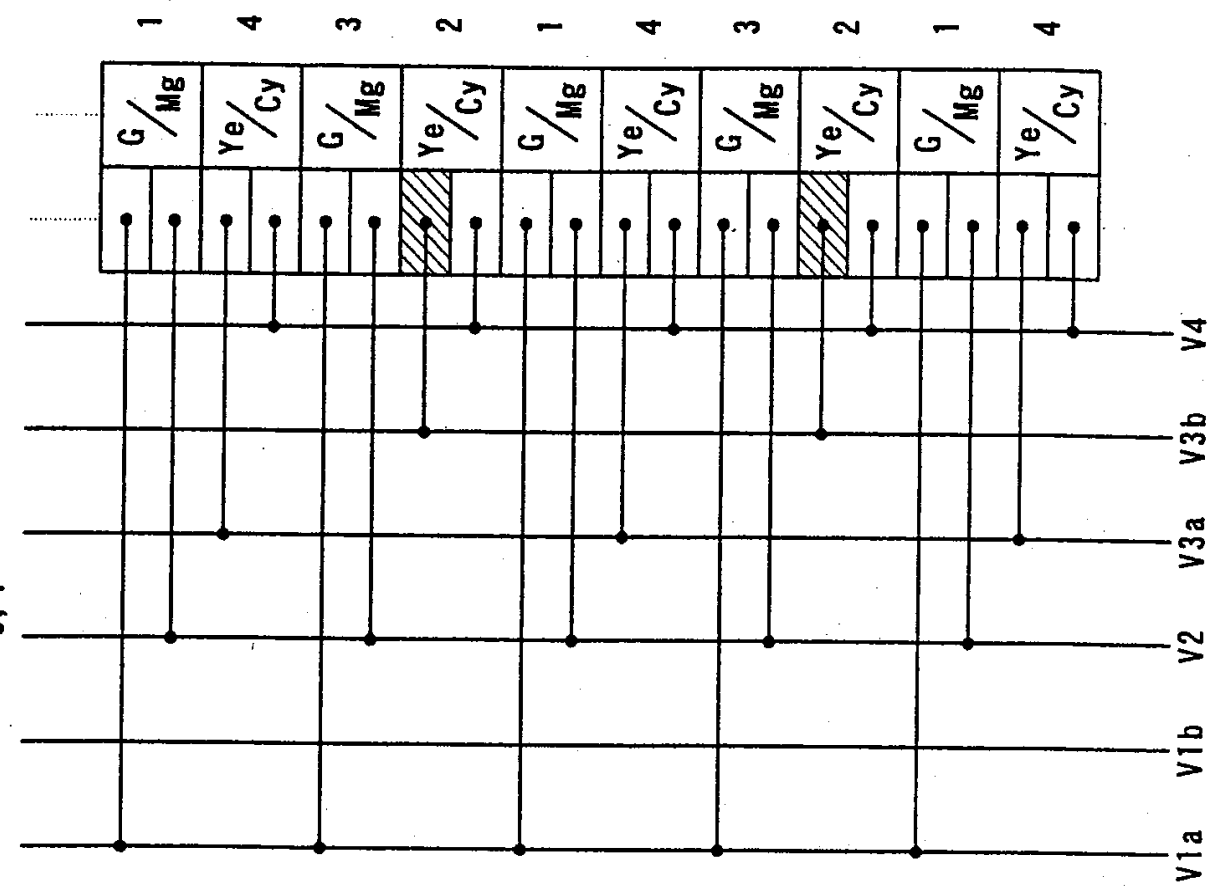


FIG. 12

( A ) ROWS  
1, 2

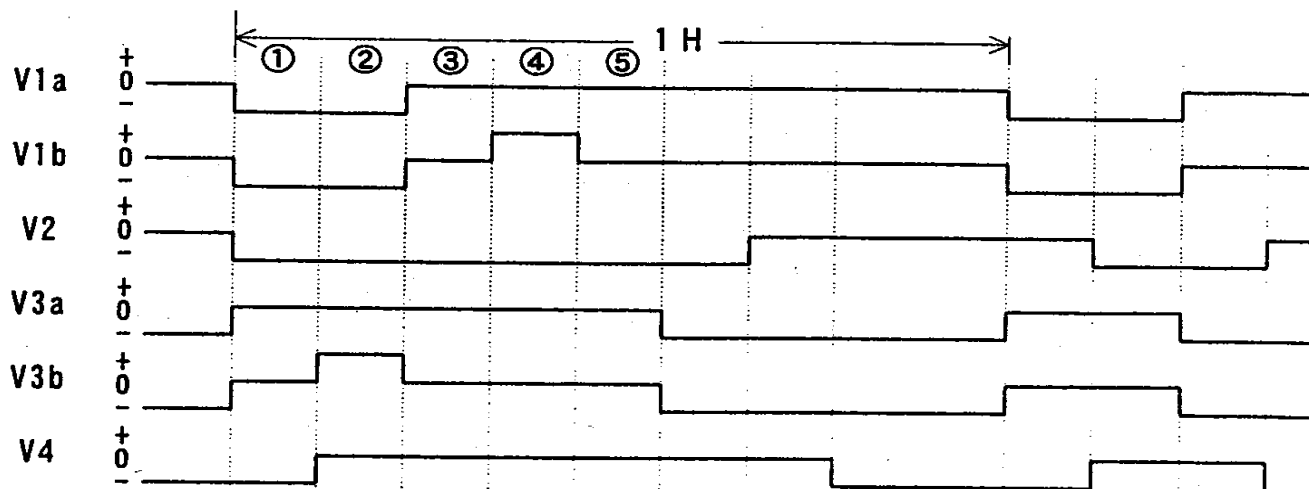


( B ) ROWS  
3, 4

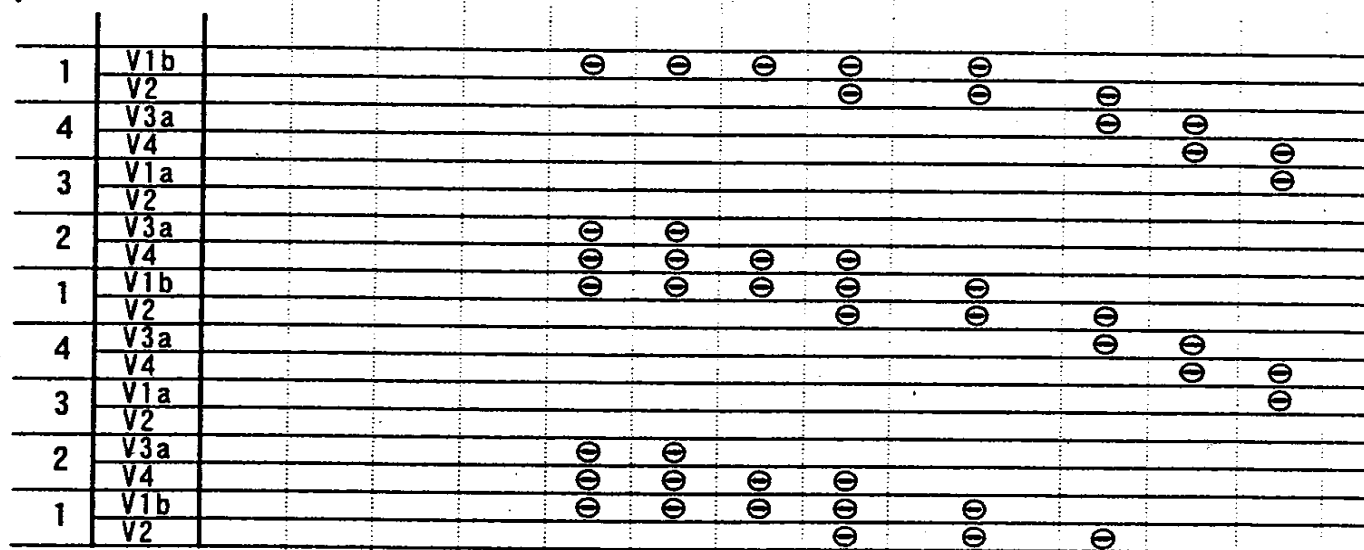


# FIG. 13

(A)

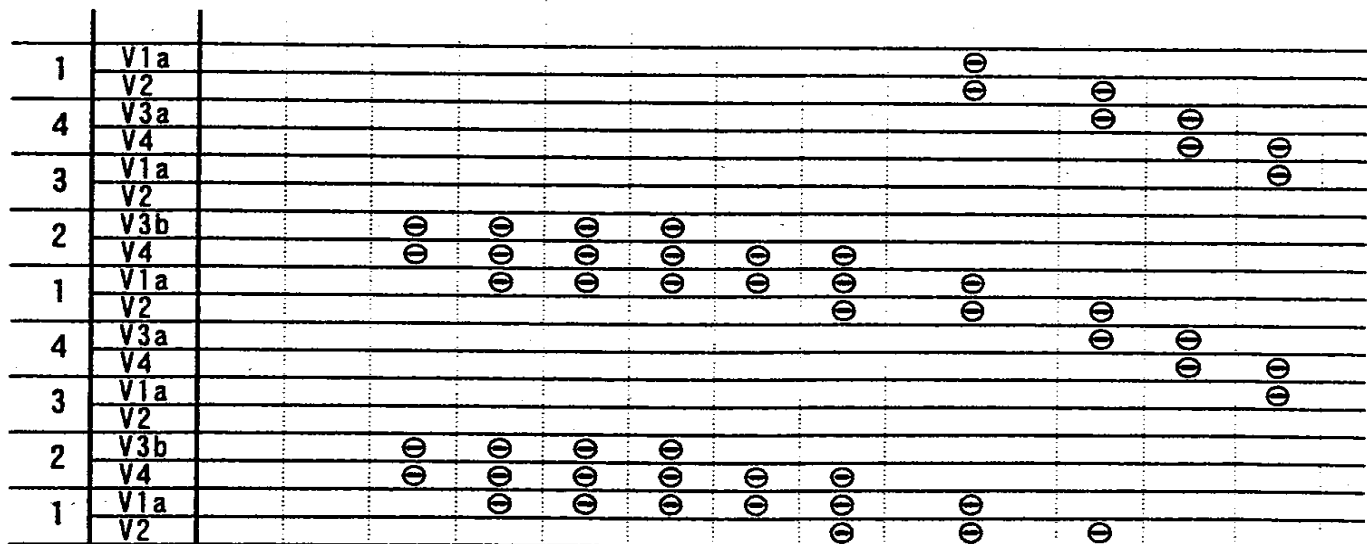


(B)



ROWS 1, 2

(C)



ROWS 3, 4

10

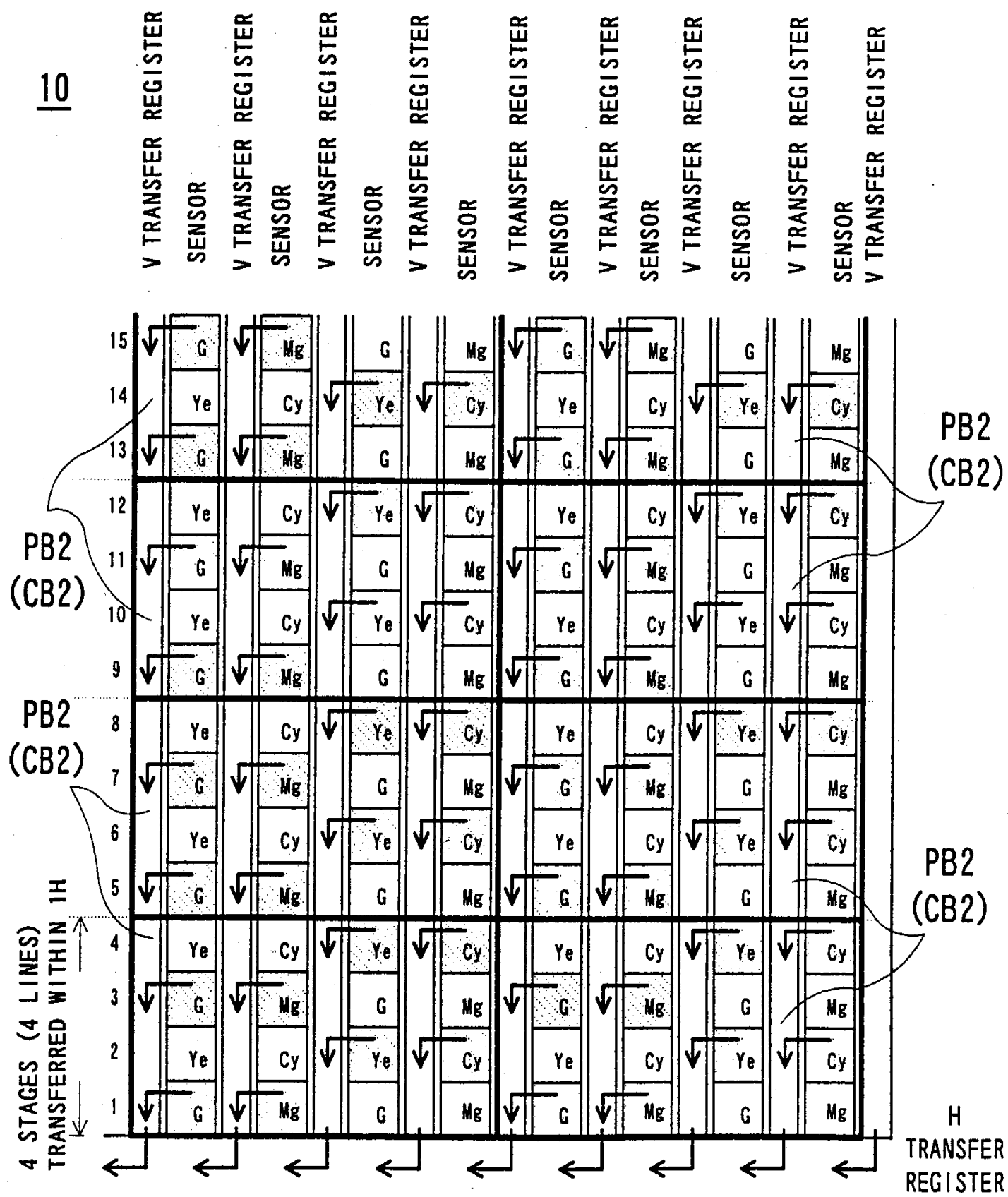


FIG. 15

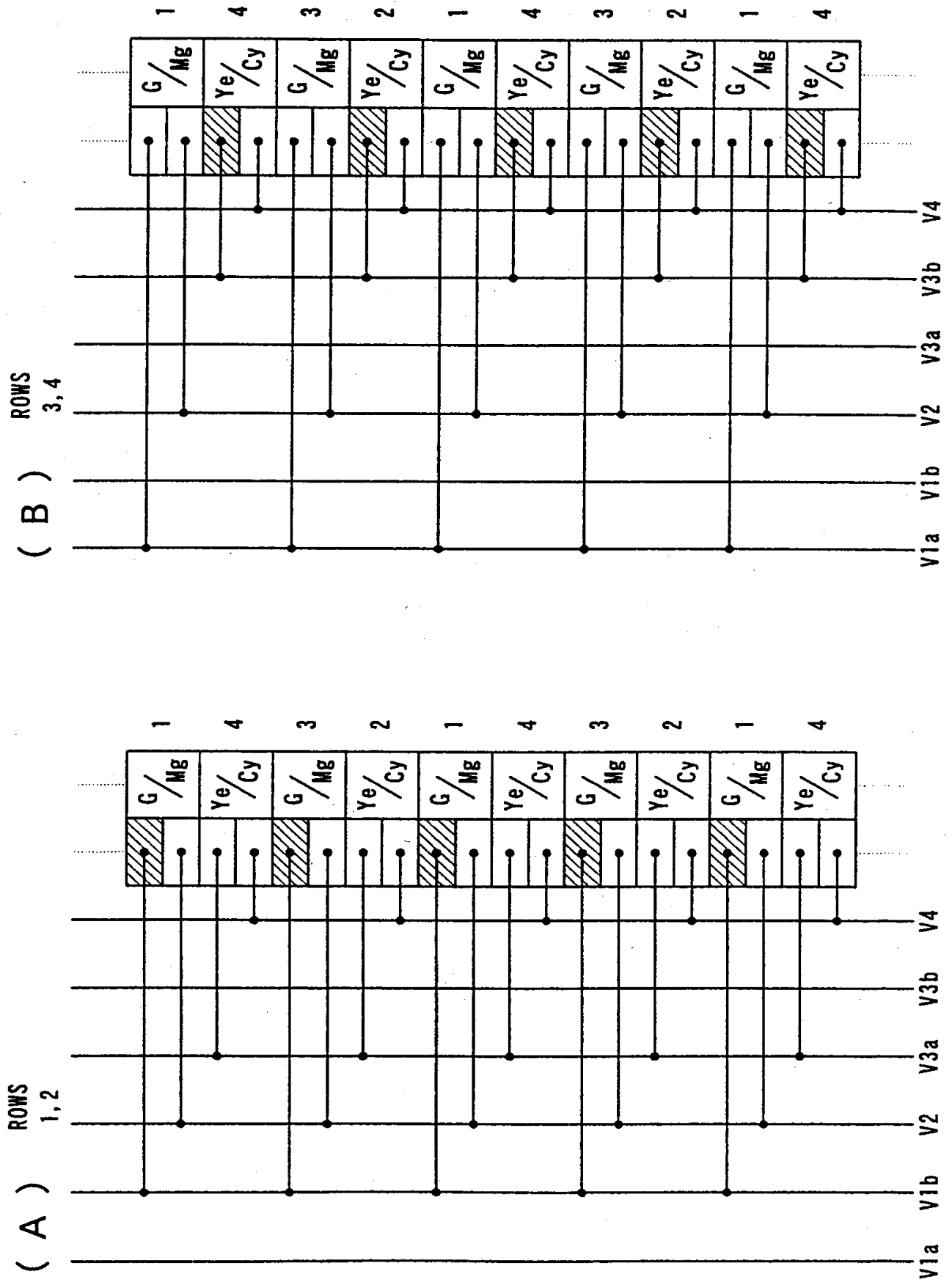
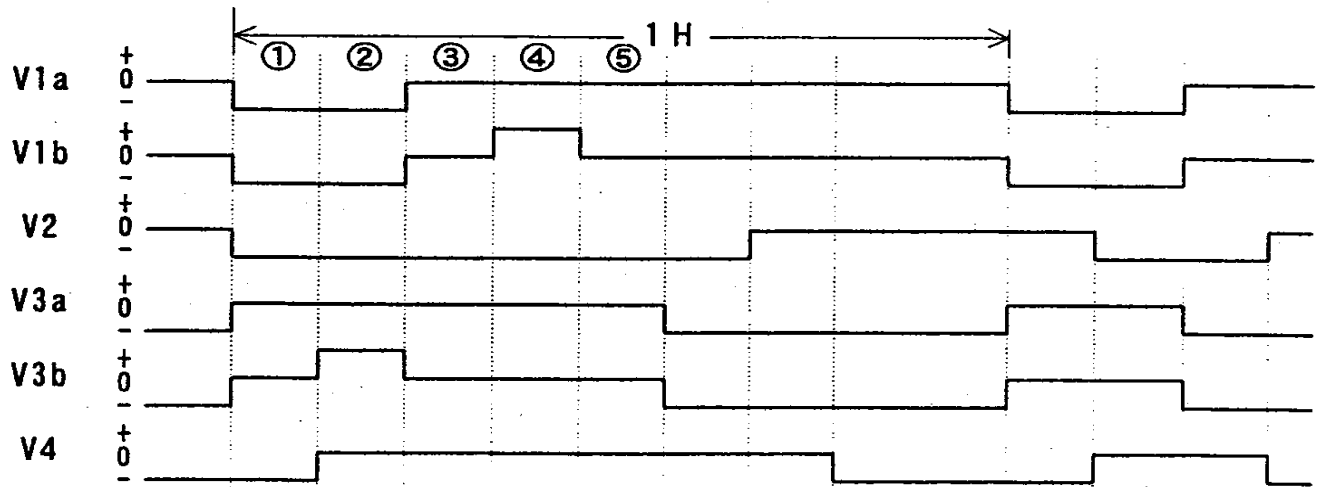


FIG. 16

(A)



(B)

[illegible]

ROWS 1, 2

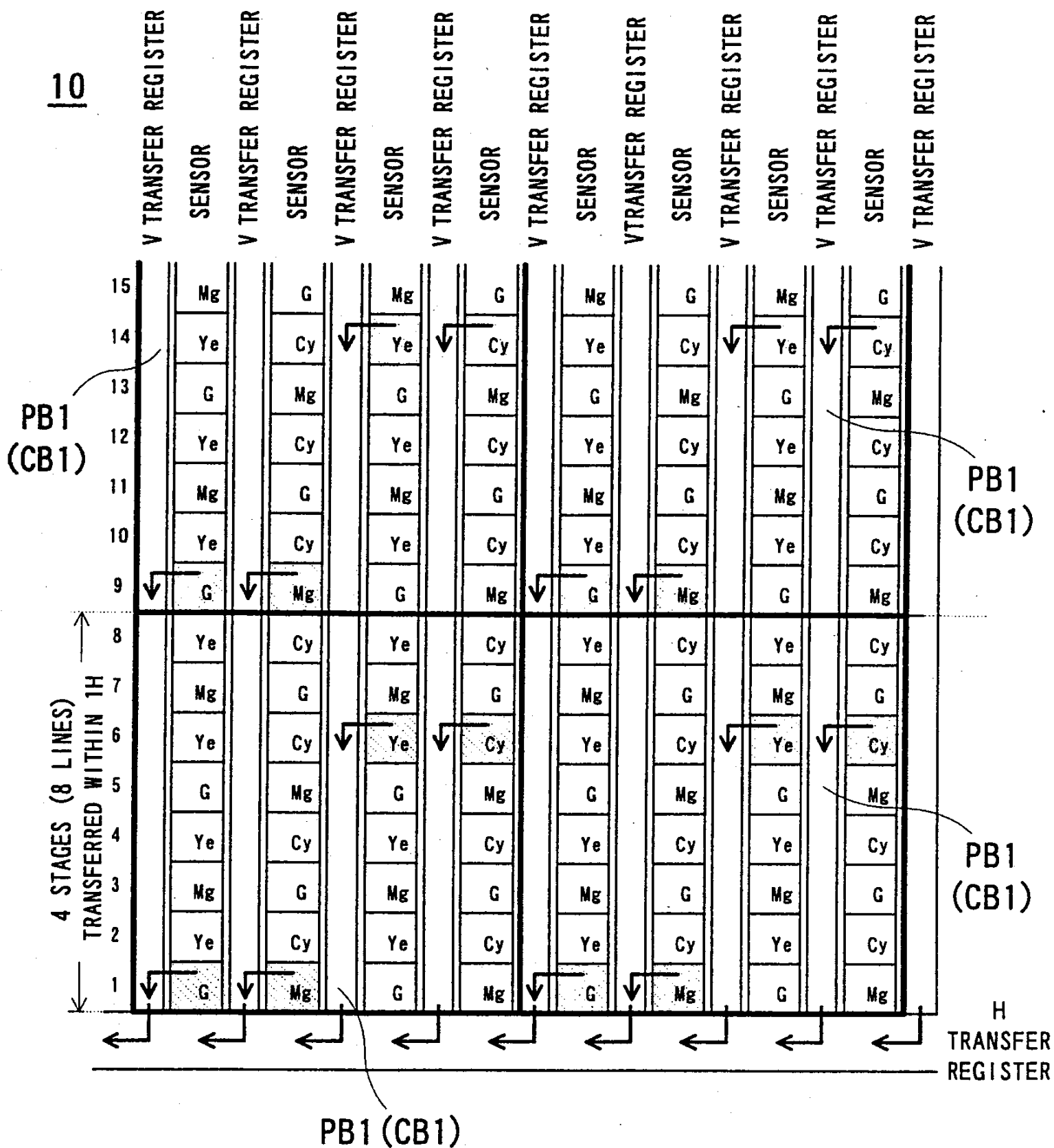
(C)

[illegible]

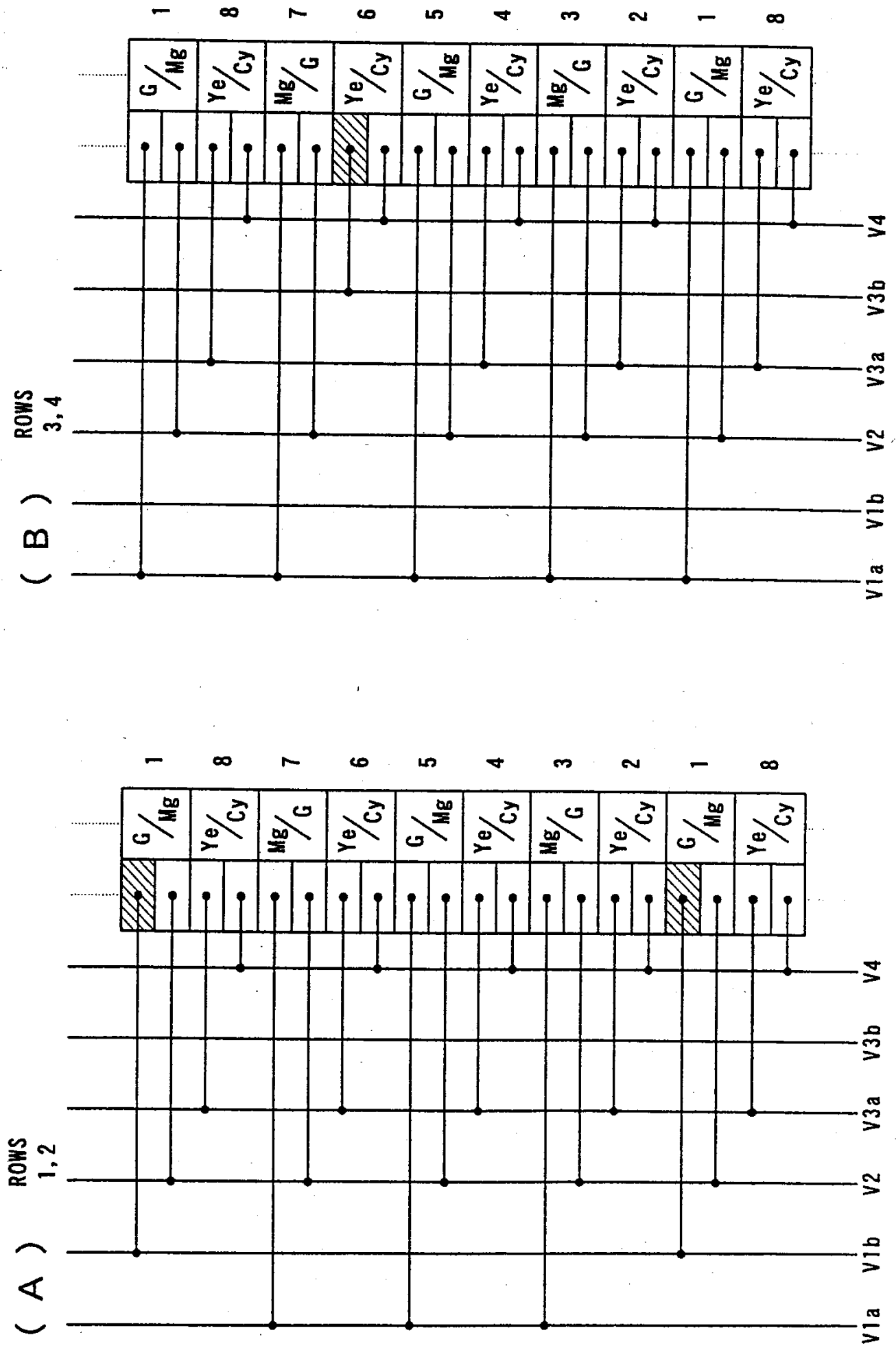
**ROWS 3, 4**



10

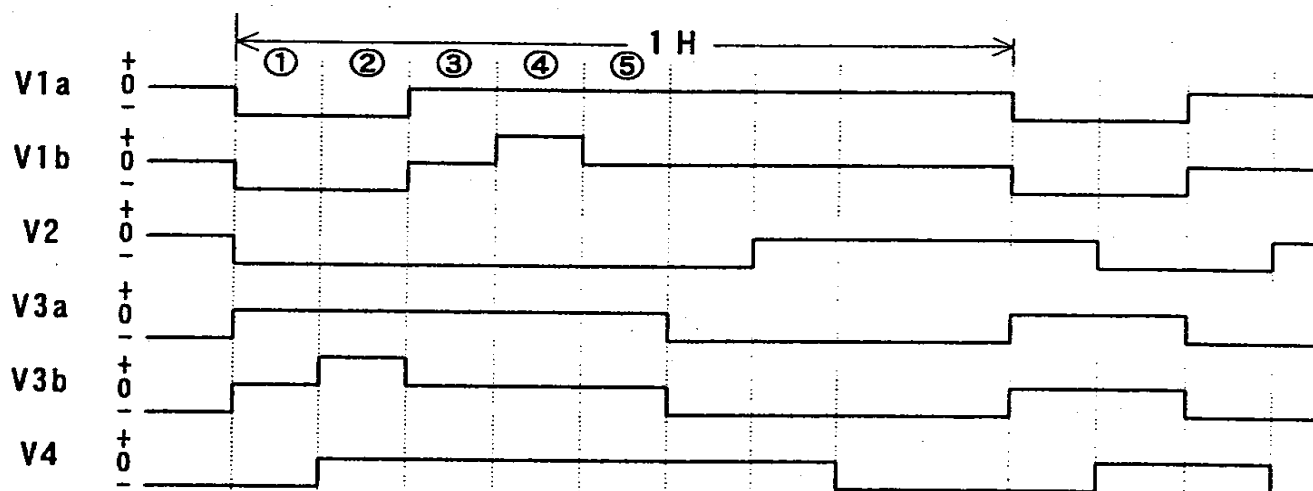


**FIG. 18**

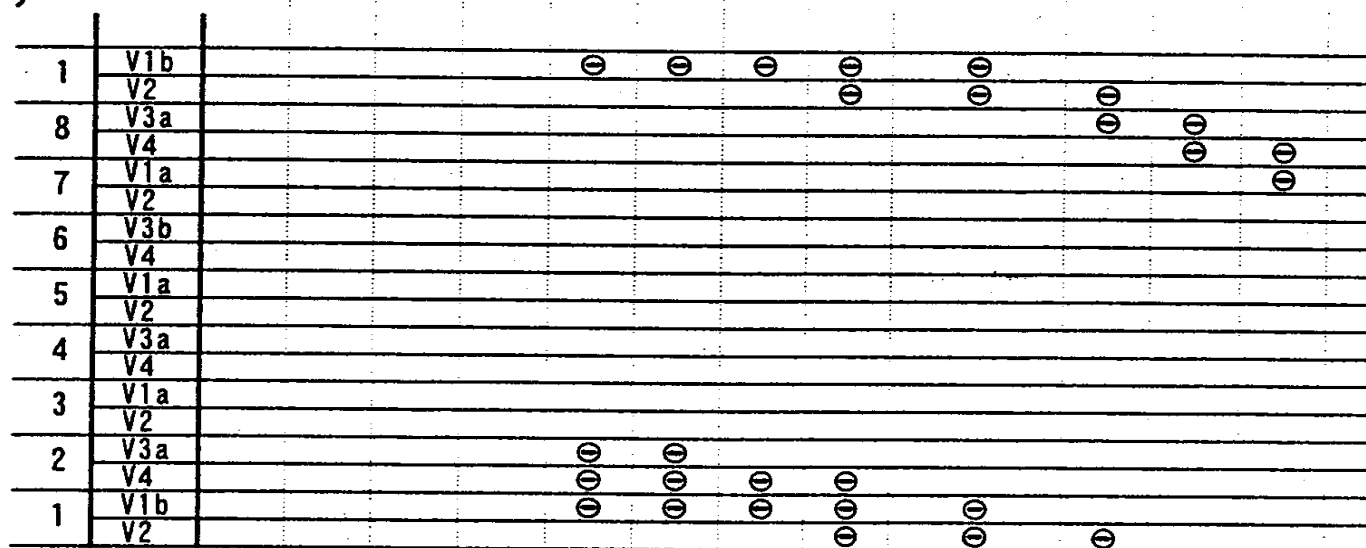


# FIG. 19

(A)

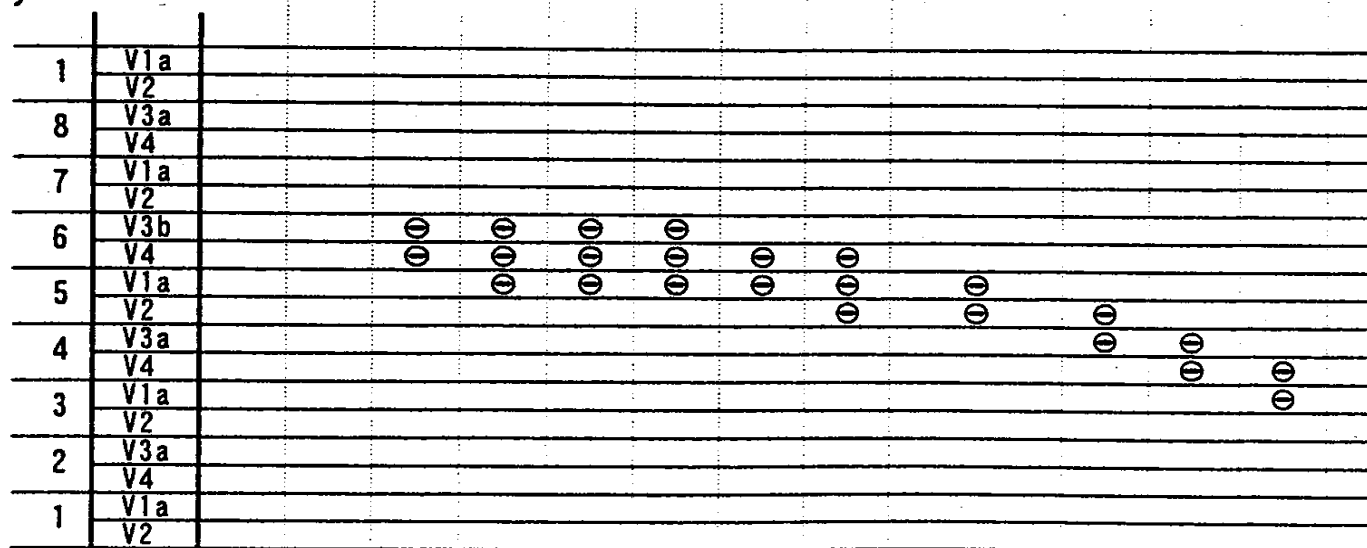


(B)



ROWS 1, 2

(C)



ROWS 3, 4

# FIG. 20

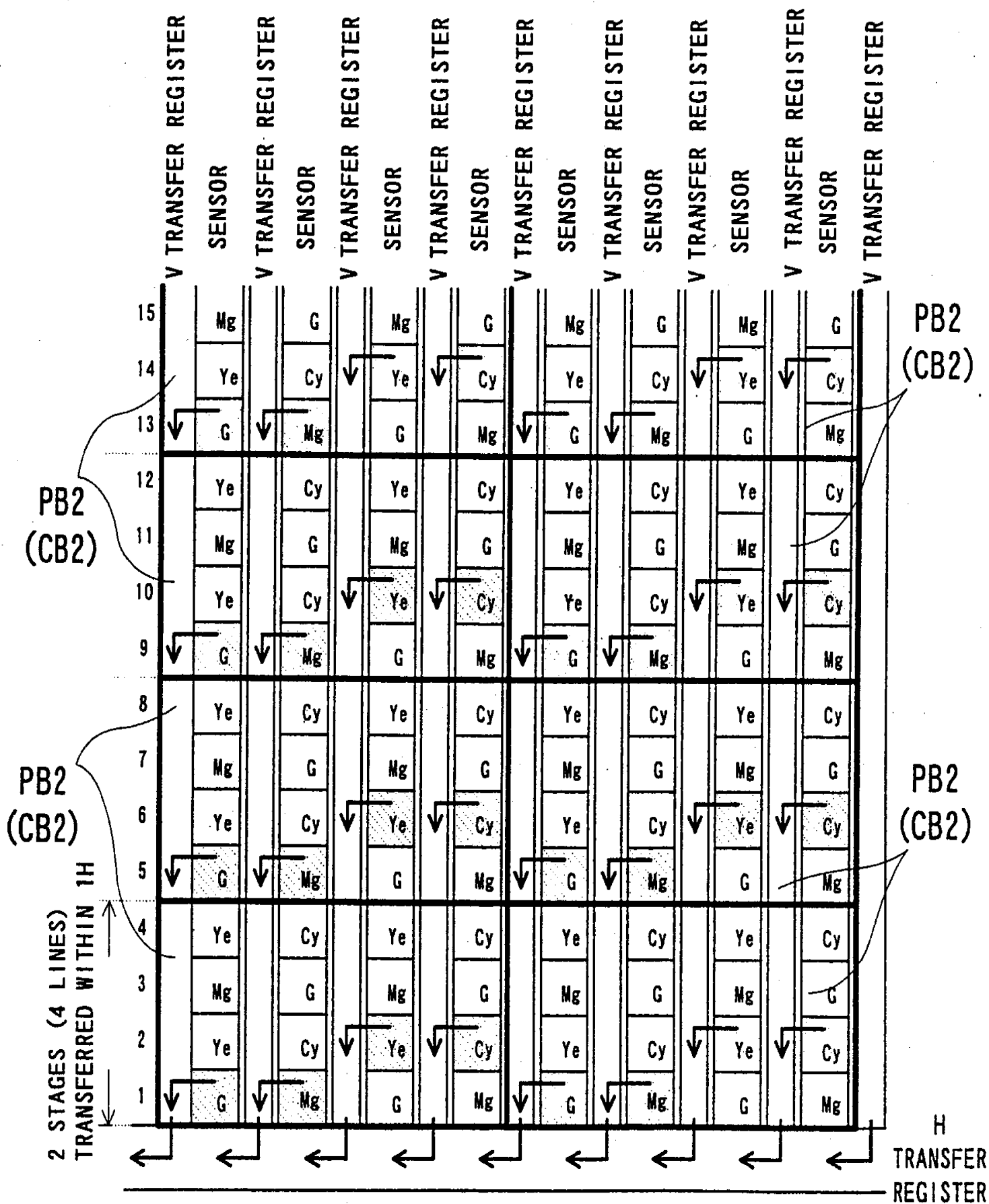
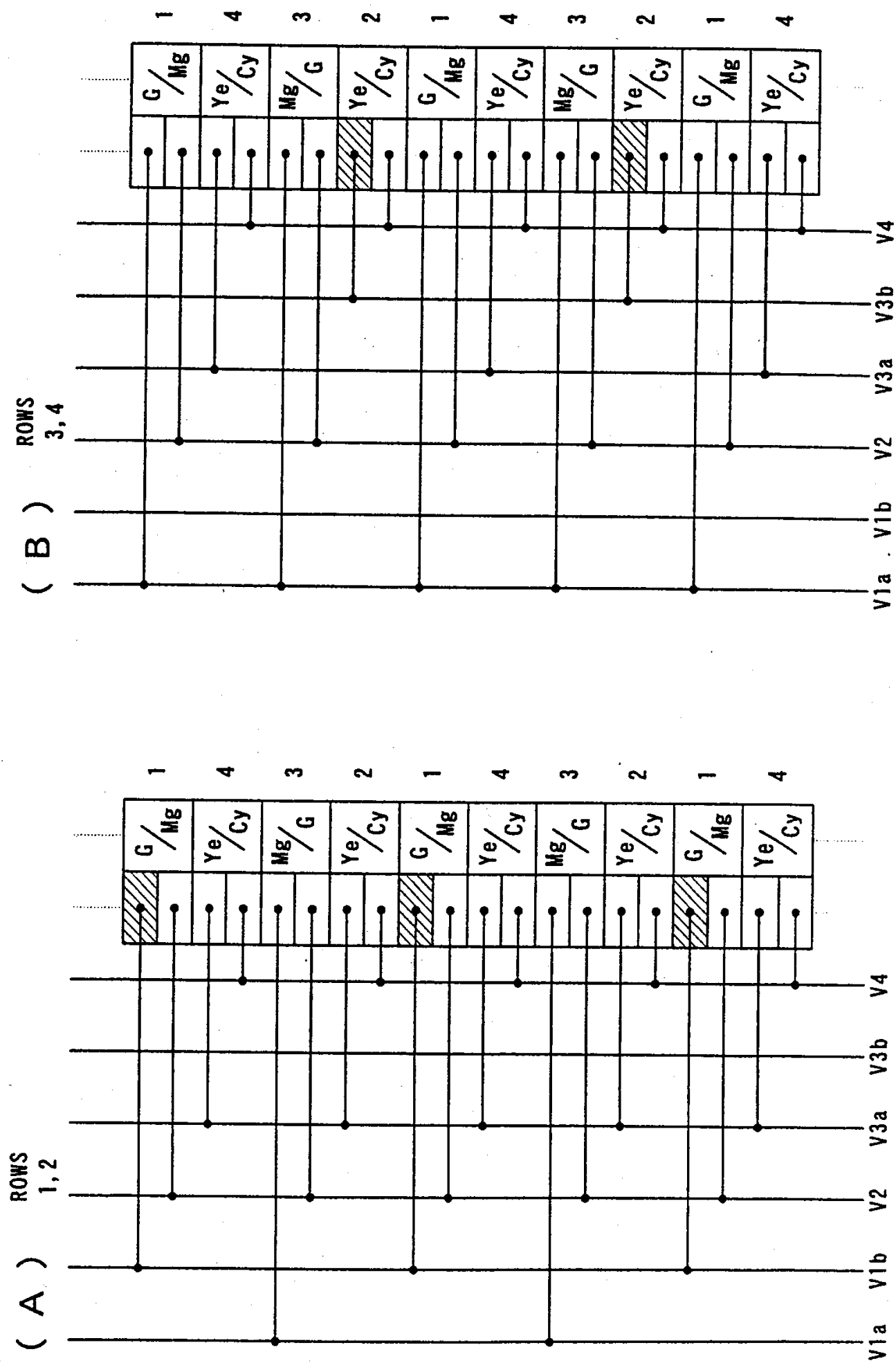
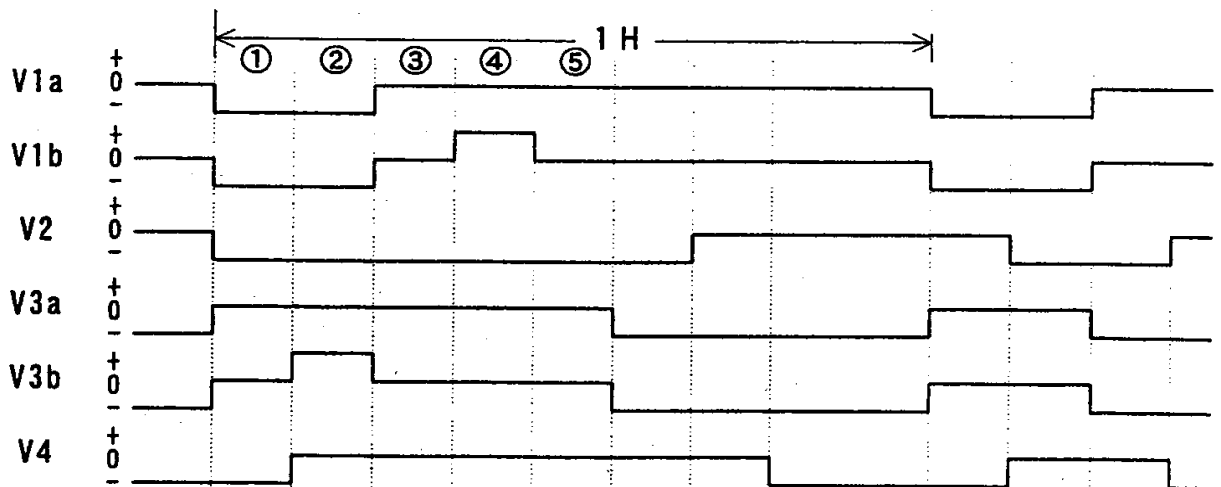


FIG. 21

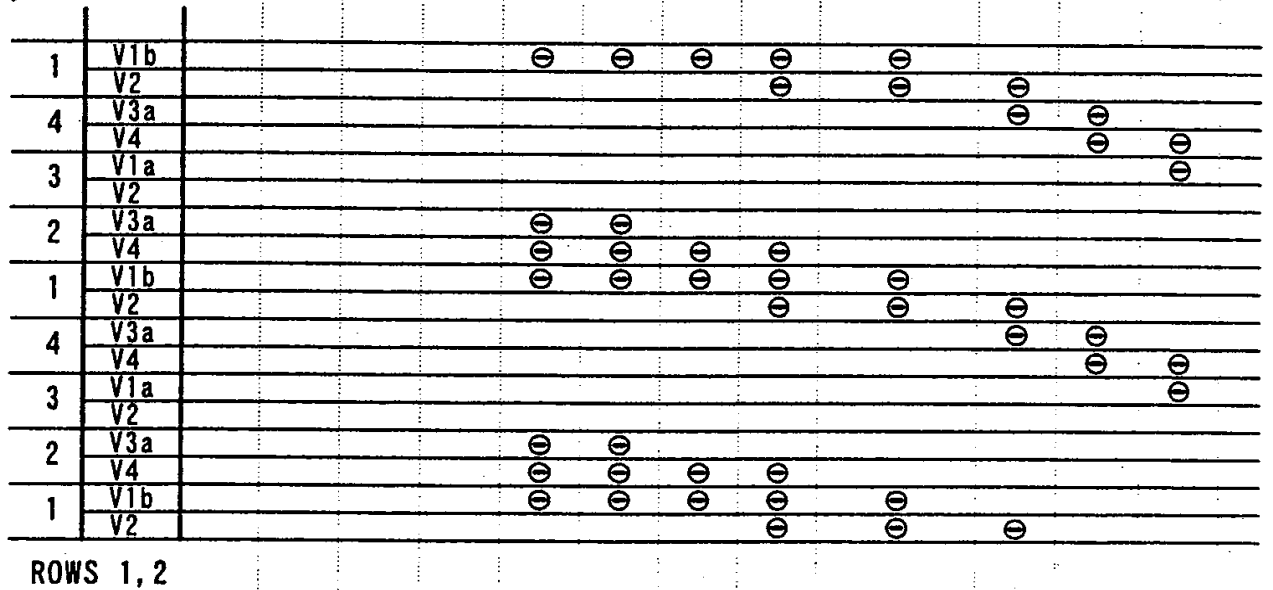


# FIG. 22

(A)

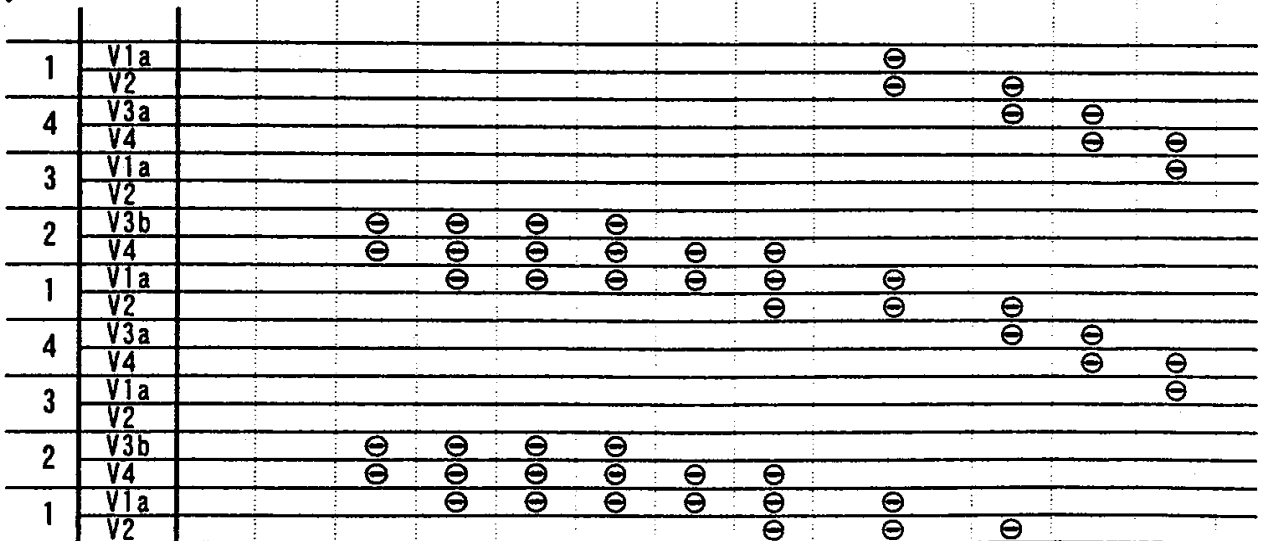


(B)



ROWS 1, 2

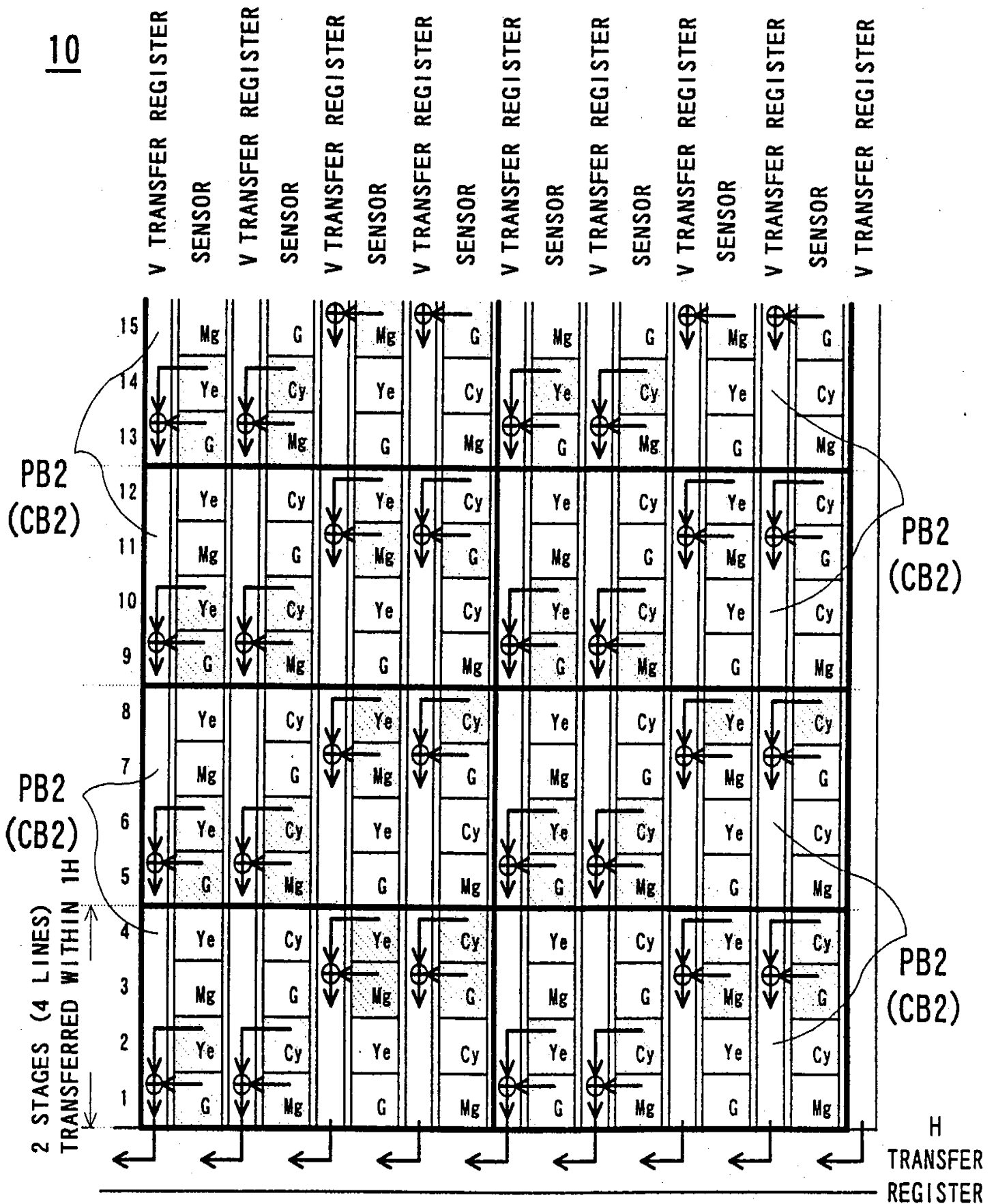
(C)



ROWS 3, 4

# FIG. 23

10



(A) ROWS1,2

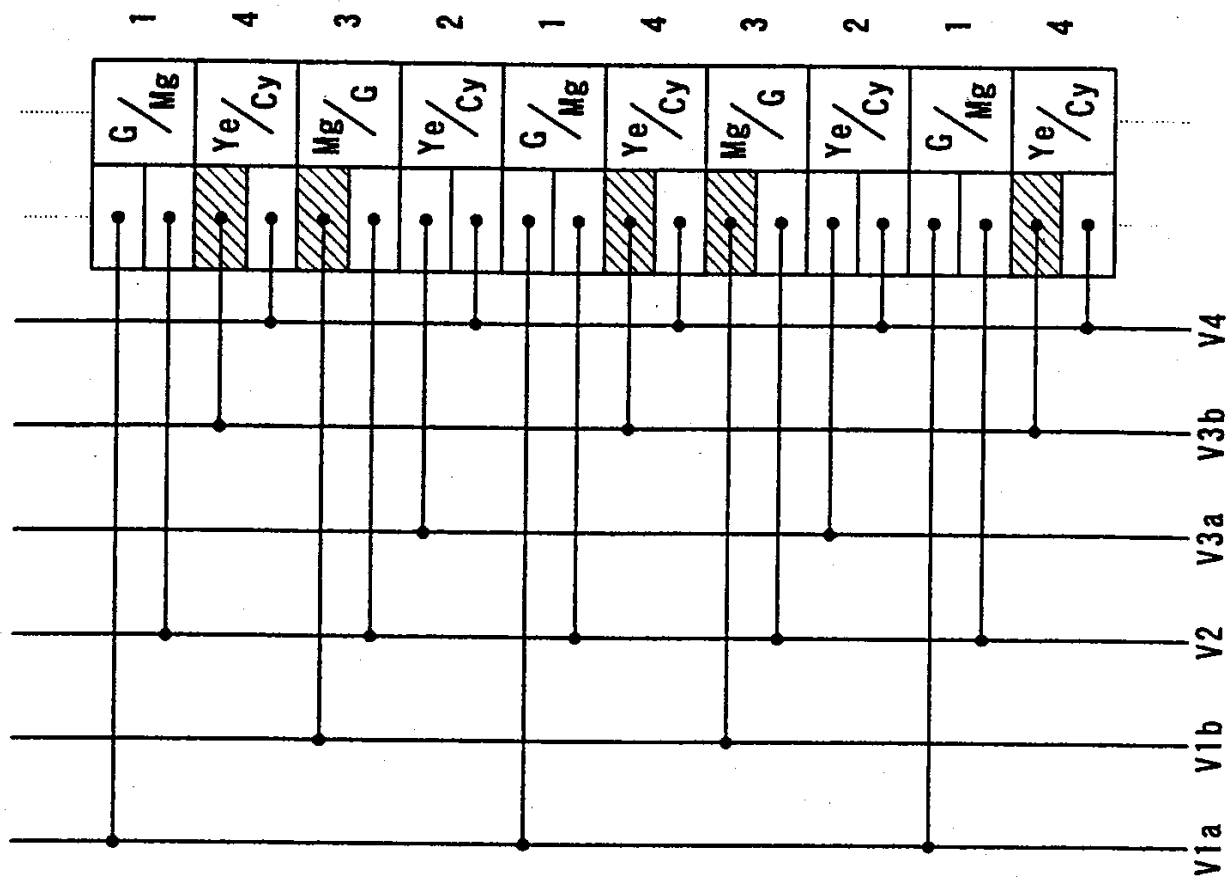
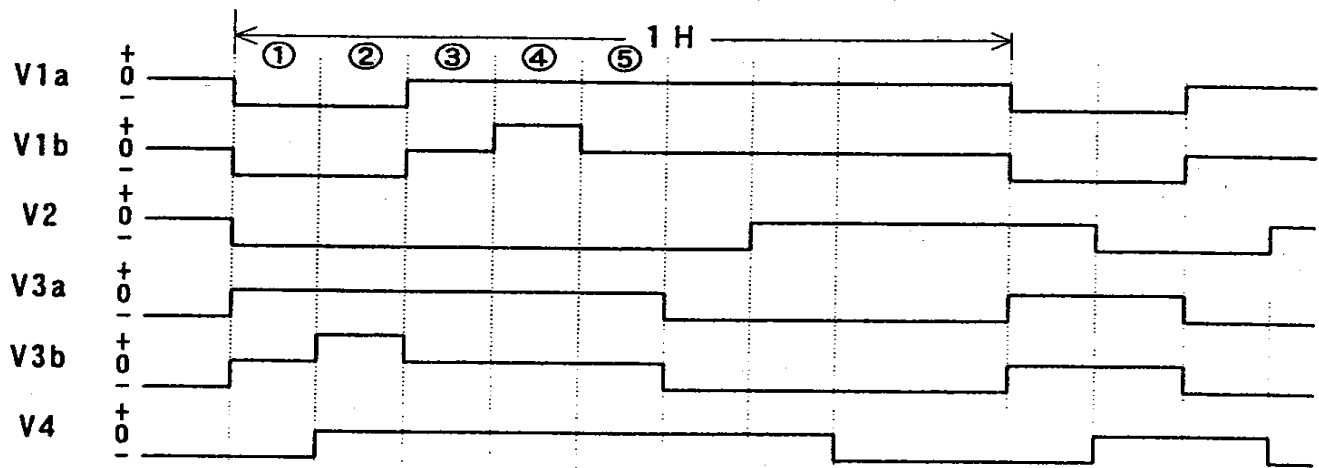


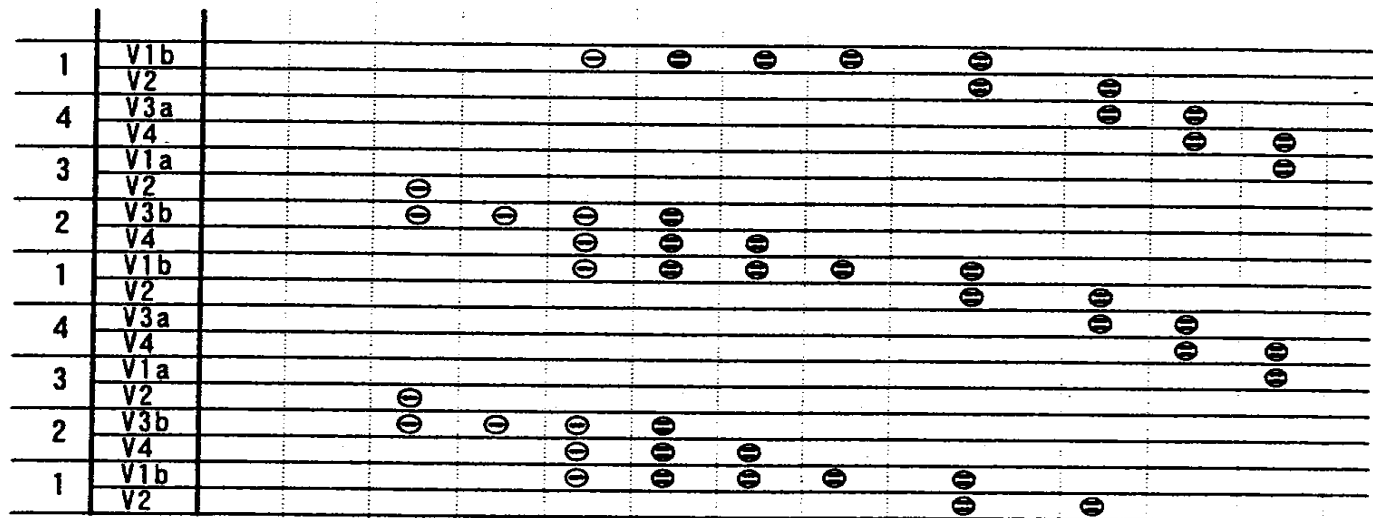


FIG. 25

(A)

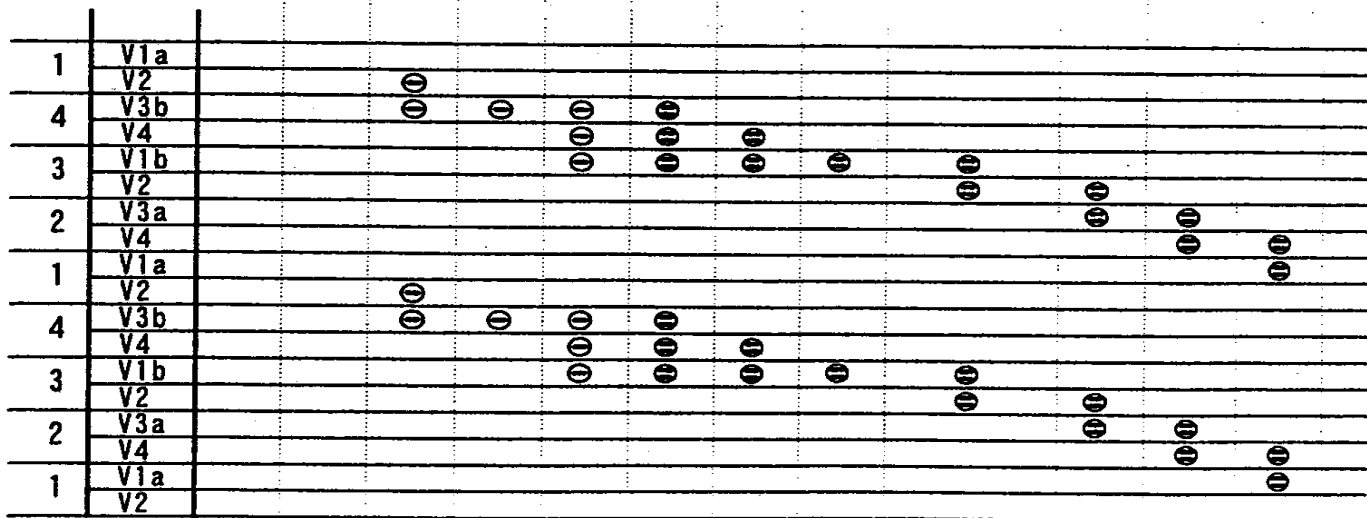


(B)



ROWS 1, 2

(C)



ROWS 3, 4

FIG. 26

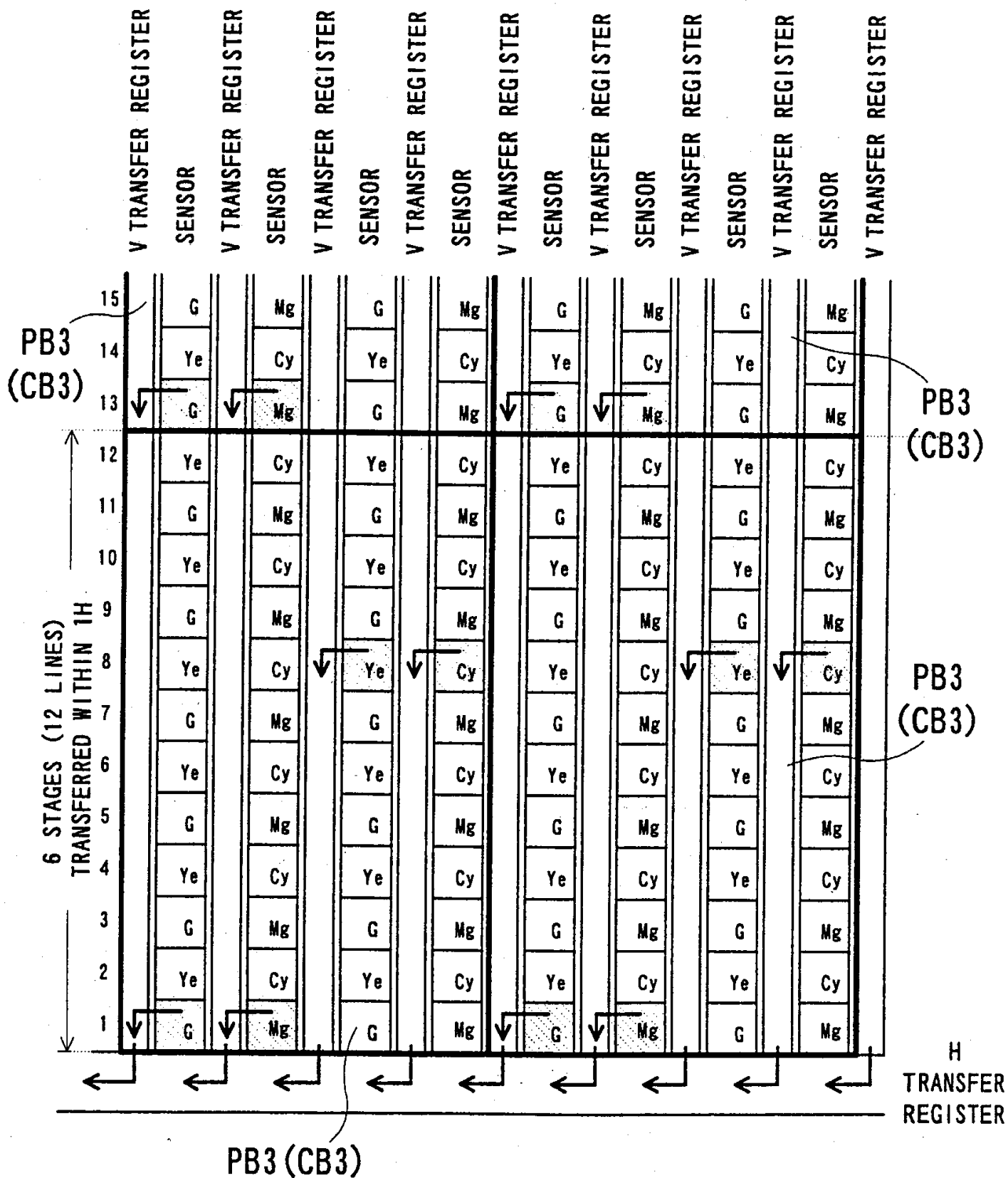
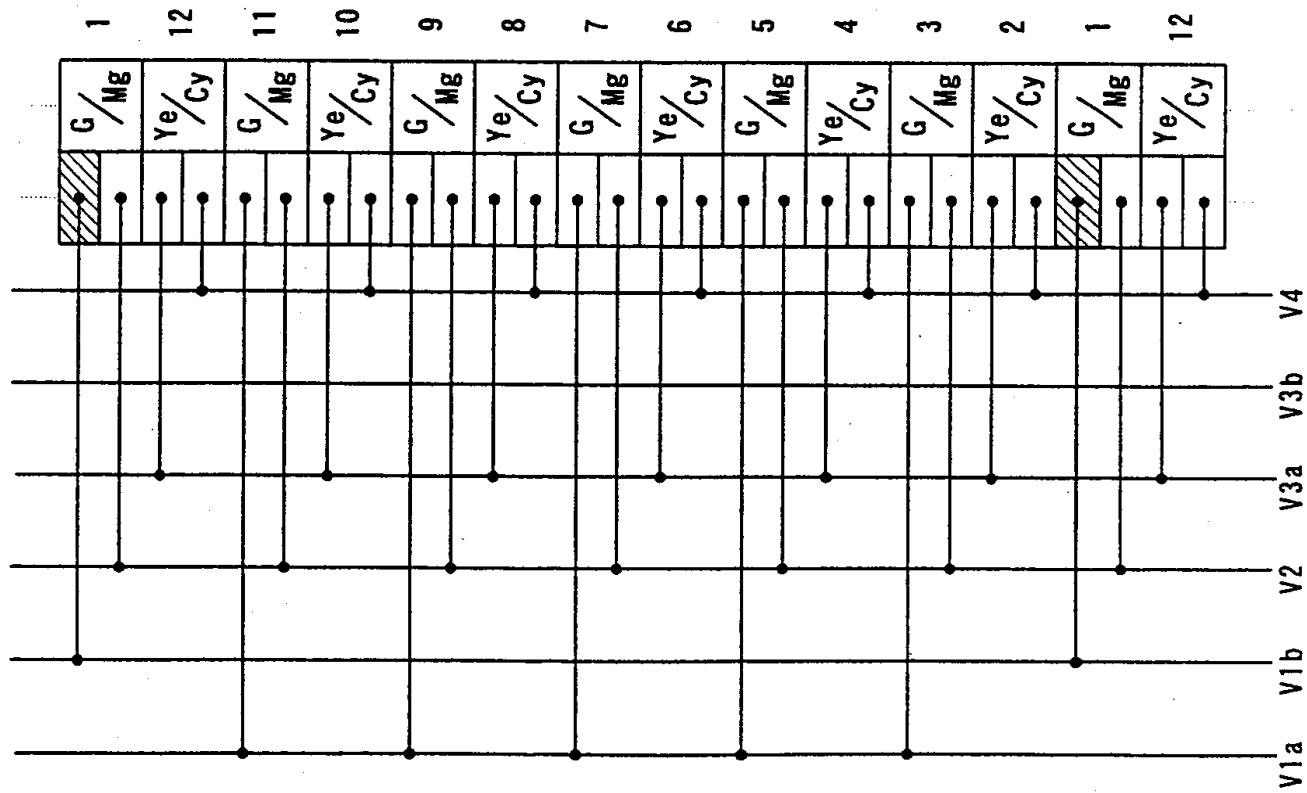
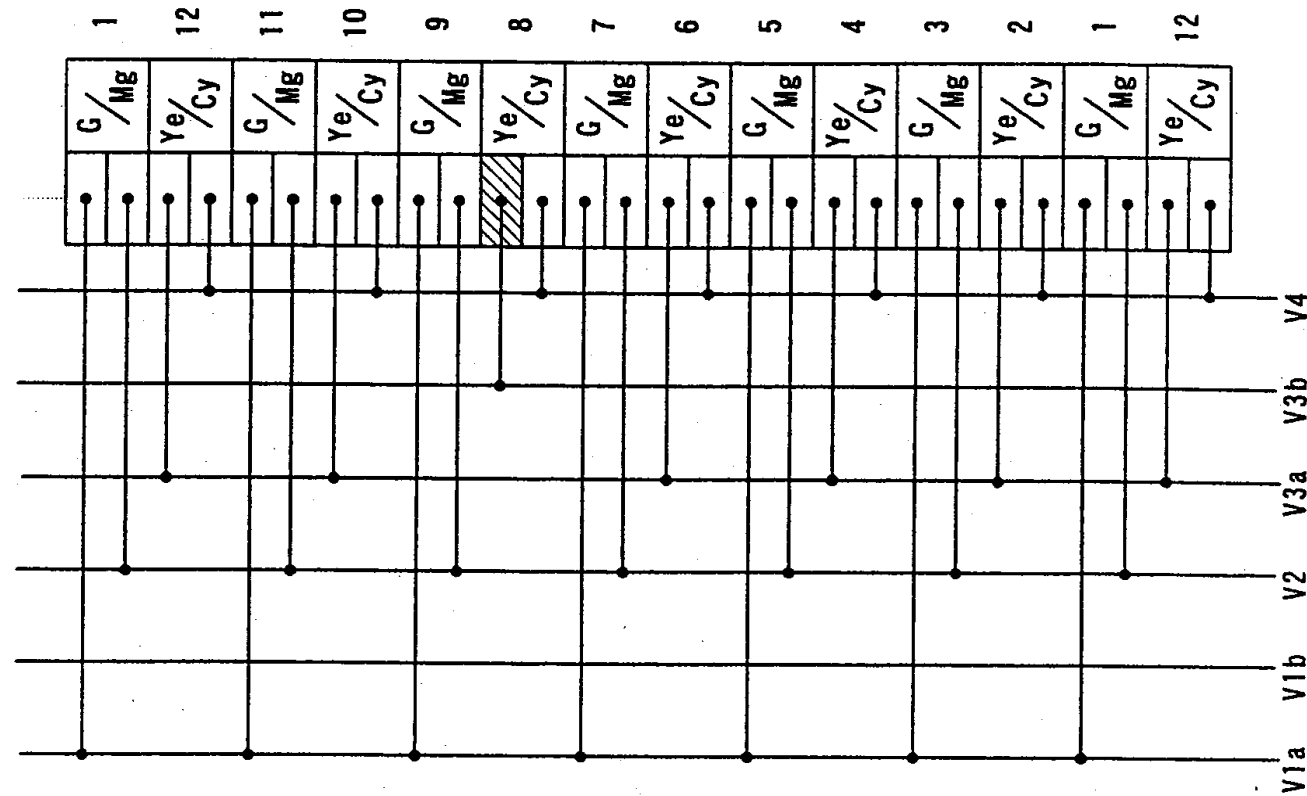


FIG. 27

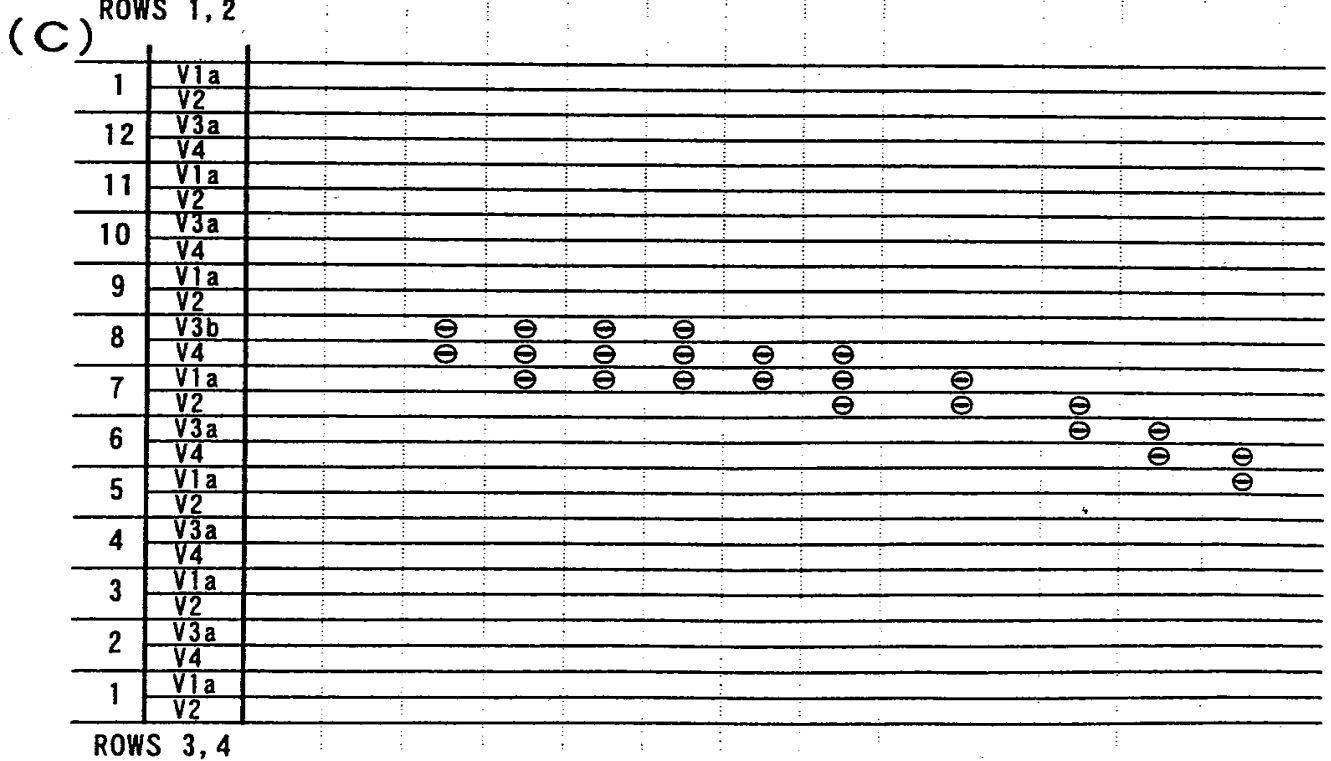
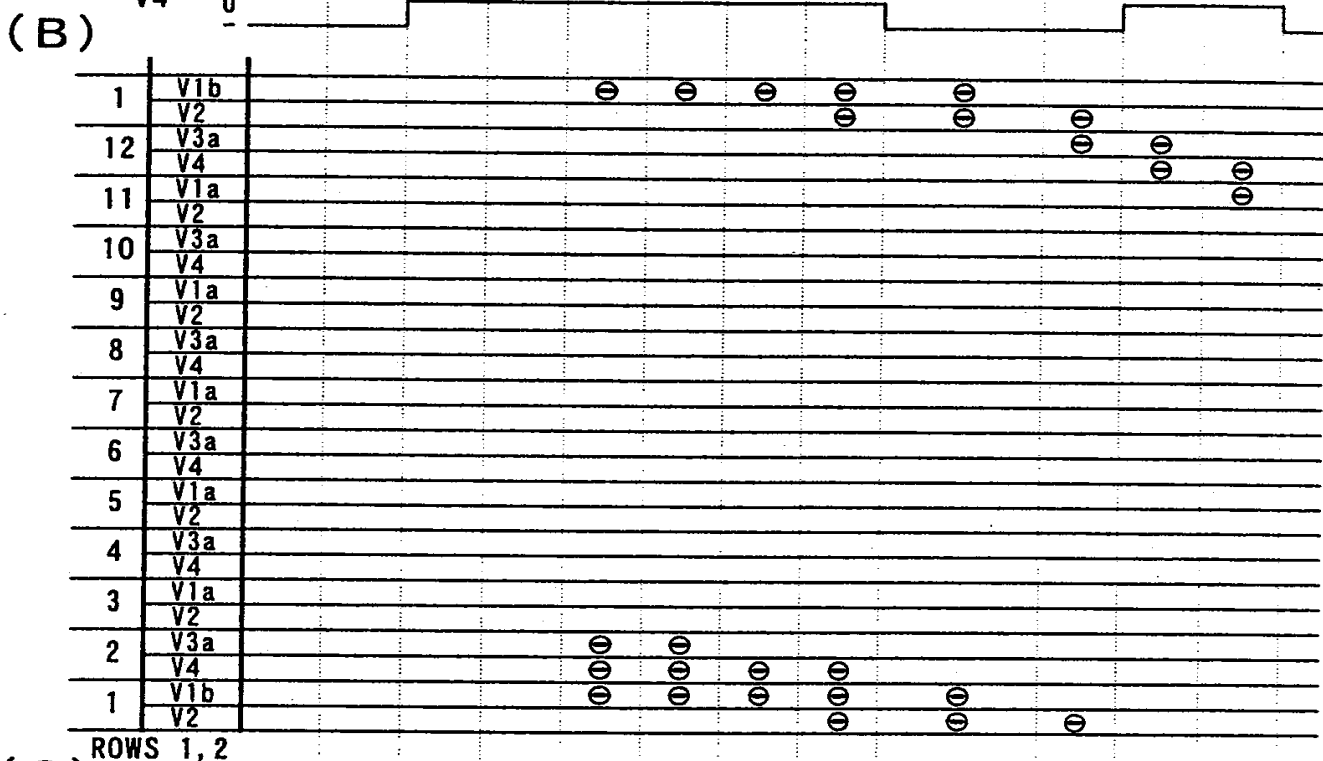
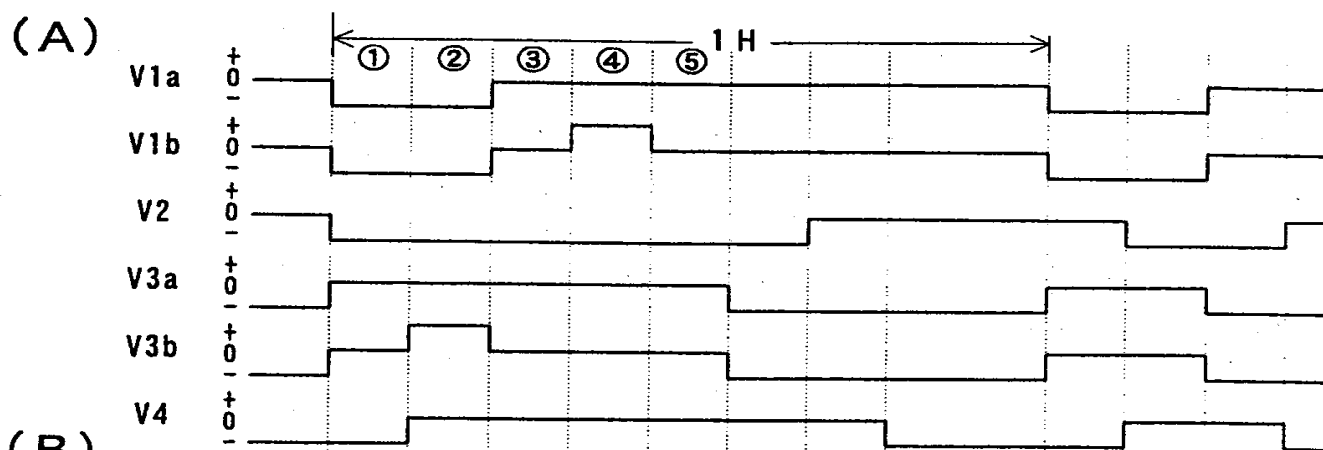
( A ) ROWS  
1, 2



( B ) ROWS  
3, 4



# FIG. 28



# FIG. 29

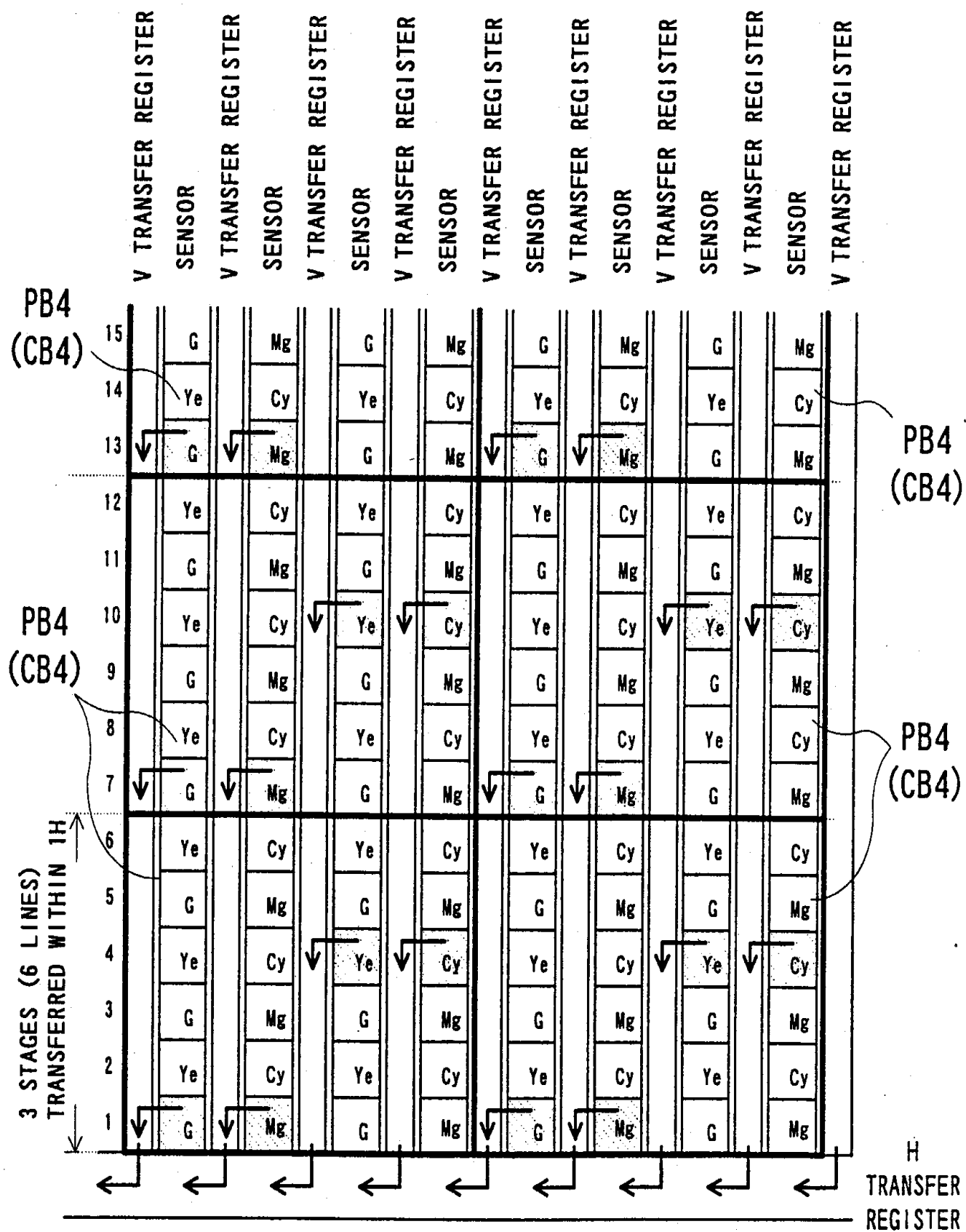
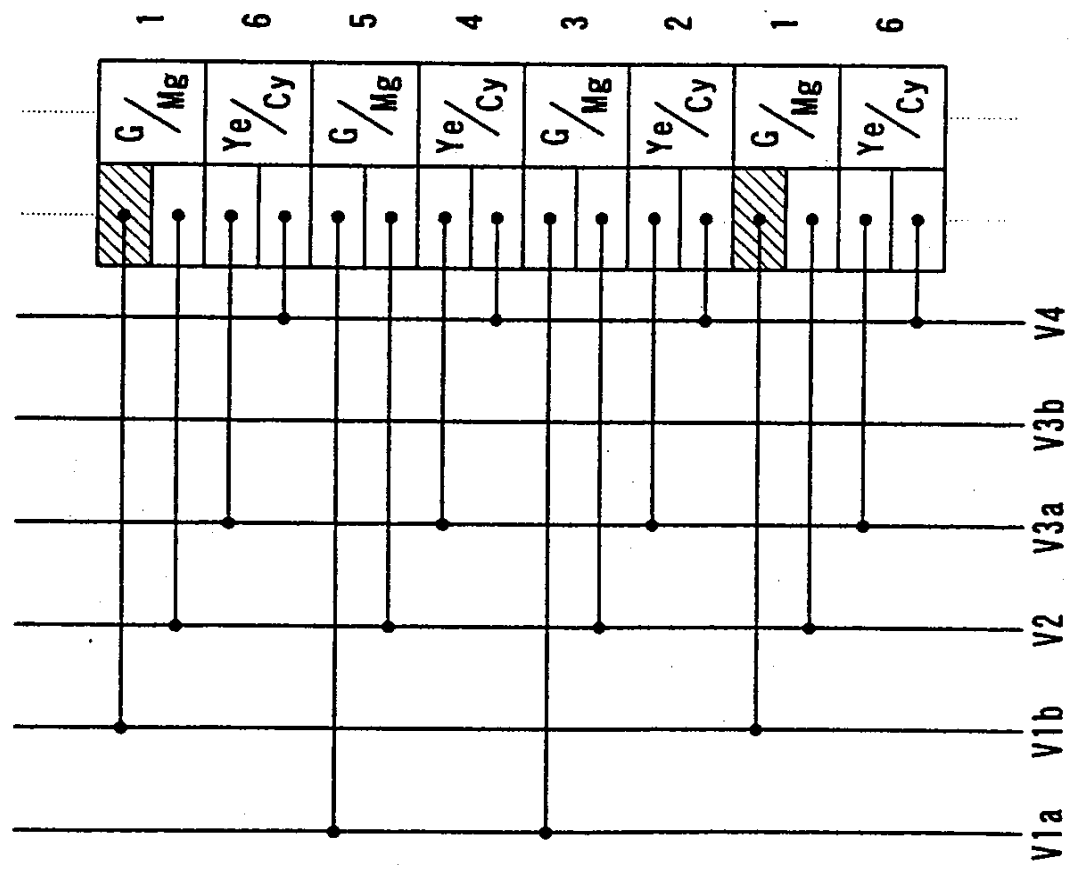
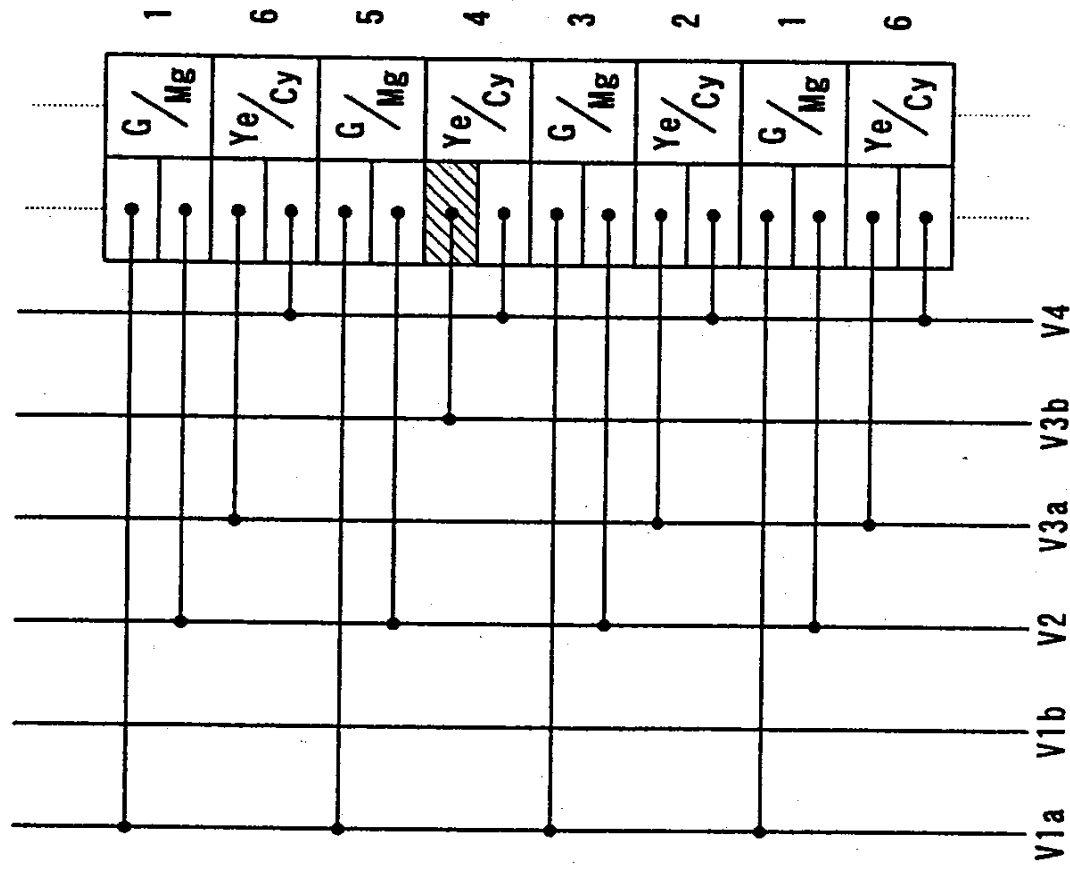


FIG. 30

( A ) ROWS  
1, 2

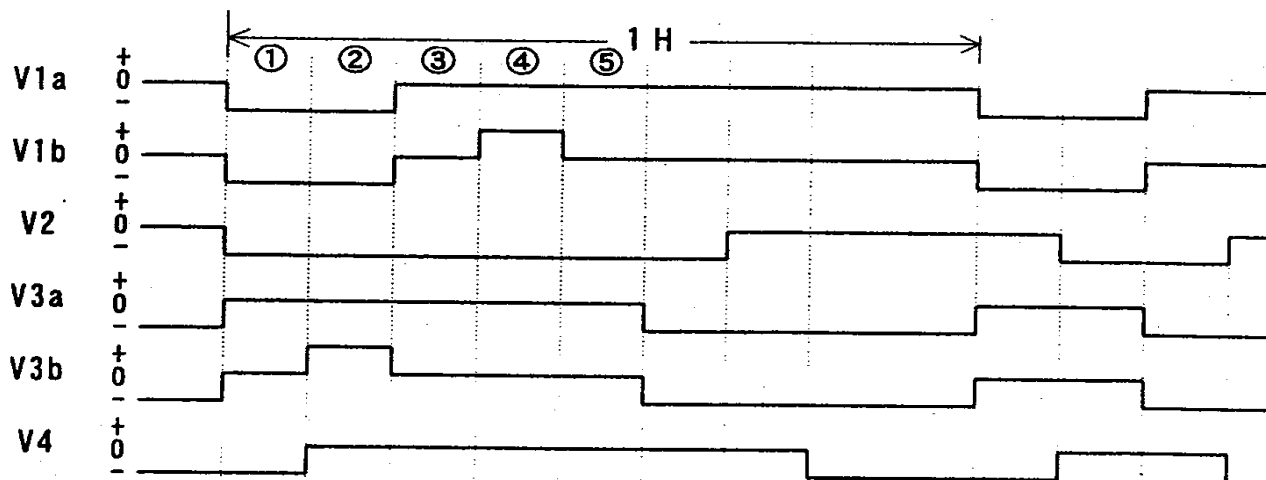


( B ) ROWS  
3, 4

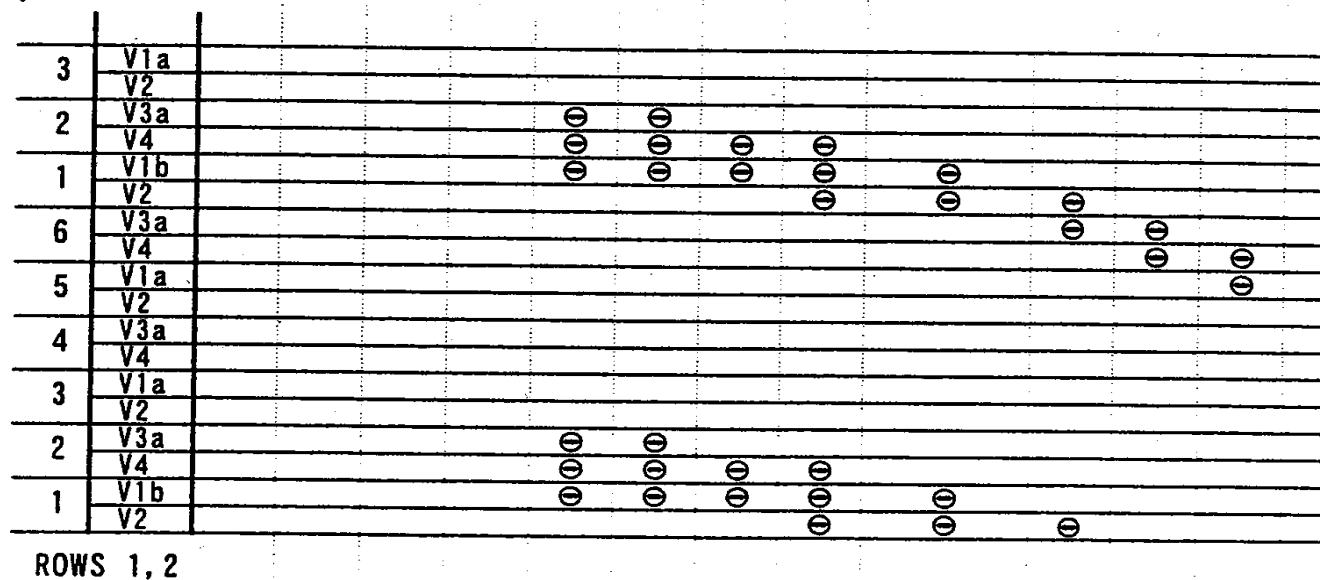


# FIG. 31

(A)



(B)



(C)

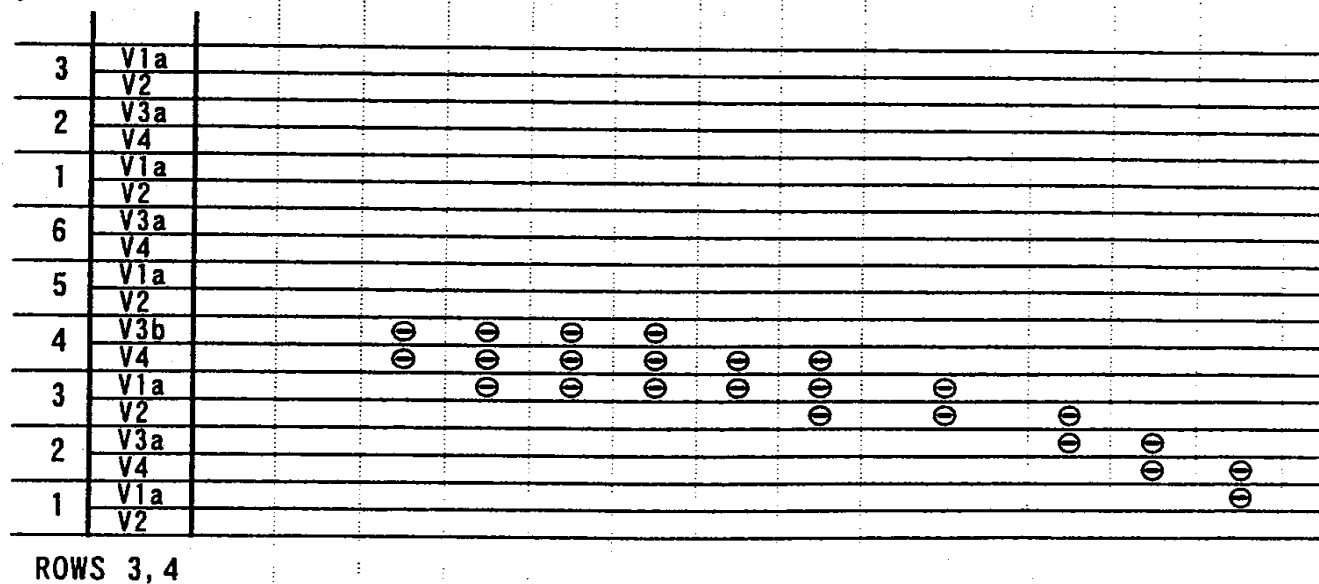


FIG. 32

